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75 **WILLIS S. PINO**

**FLOWER
VEGETABLE
LAWN**

SEEDS

RECEIVED
★ MAR 11 1929 ★
U.S. Dept. of Agriculture.



ZINNIA

GIANT DAHLIA FLOWERED

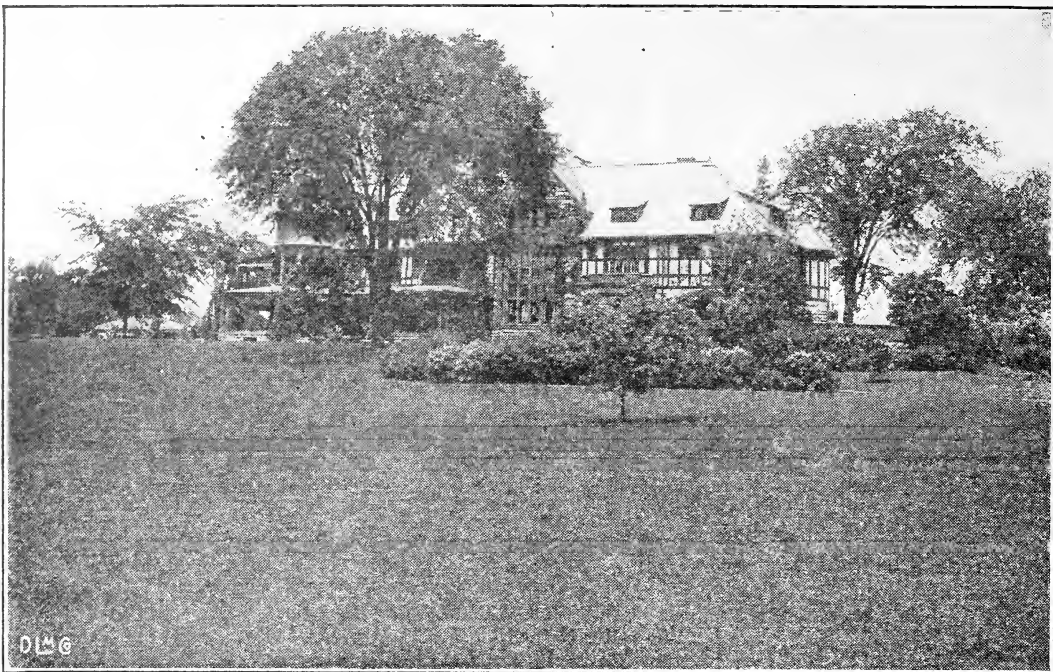
1 PACKAGE EACH **\$1.25**
9 NAMED VARIETIES

MIXED ALL COLORS

PACKAGE 15¢ - QUARTER OZ. 50¢
ONE OUNCE \$1.40



41-43 WASHINGTON ST. AT EDDY
PROVIDENCE, R. I.



The Preparation and Care of a Lawn

A well cared for lawn adds more than any other one thing to the attractiveness of the home grounds and not only this, it increases the value of property by much more than the mere expense of securing the lawn. There are a few simple rules which, if followed consistently, will be certain to bring good results.

The ground must first be thoroughly prepared by draining, if necessary, and spade or plow to the depth of 6 to 12 inches, according to the nature of the soil, applying a liberal quantity of well decomposed manure, bonemeal or pulverized sheep manure, the latter we recommend as being lasting in effect, not liable to burn the grass and free from weeds. Clean the ground

thoroughly and rake perfectly smooth and level, as much of the success depends upon this part of the preparation. The seed should be sown on a calm day, that it may be applied evenly, and at the rate of 100 pounds per acre, or one pound is sufficient for 400 square feet. After the seed is sown the ground should be rolled with a light roller or evenly tamped with the back of a spade. The plot should be mowed every ten days from May until September, using a sharp scythe in preference to a mower until a close turf is formed. Frequent mowing and rolling is necessary to maintain a close, even turf. April and September are the best months for sowing lawn seed.

Park Lawn Grass Mixture

In our lawn mixture we use only the highest quality; extra clean seed and free from weed seeds which abound in inferior grades. We use only the choicest low-growing grasses, and a lawn produced from our seeds will maintain a rich, dark velvety appearance and a permanent sod. One pound will sow 600 square feet. $\frac{1}{2}$ lb. 35c., 1 lb. 60c., $2\frac{1}{2}$ lbs. \$1.25, 5 lbs. \$2.25, 20 lbs. \$9.00, 100 lbs. \$40.00.

Shady Nook Grass Mixture

A special mixture of grasses adapted to growing under trees and in shady places where it is quite difficult to produce a satisfactory growth. $\frac{1}{2}$ lb. 40c., 1 lb. 75c., $2\frac{1}{2}$ lbs. \$1.50, 5 lbs. \$2.75, 20 lbs. \$10.00.

White Clover. Desirable for mixing with lawn seed where soil is poor and sandy. Also desirable at seashore where it is difficult to establish grass. 2 ozs. 15c., $\frac{1}{4}$ lb. 25c., $\frac{1}{2}$ lb. 40c., 1 lb. 75c., 10 lbs. \$7.00.

Kentucky Blue. A superior grass for pastures and lawns. Succeeds well in all soils and stands dry weather well. Lb. 75c., 10 lbs. \$6.50.

Creeping Bent. One of the best lawn grasses; succeeds well in deep soils. Lb. \$1.50, 10 lbs. \$14.00.

Rhode Island Bent. One of the best grasses for lawns in adapting itself to almost any soil, dry, moist or sandy. Very carefully selected stock, thoroughly cleaned. Lb. \$1.75, 10 lbs. \$16.00.

Red Top. A hardy perennial grass, succeeding best on moist land. Used extensively in all pasture mixtures, remaining green the greater part of the year. Recleaned. Lb. 50c., 10 lbs. \$4.50.

Red Fescue. Suitable for sandy soils and at the seashore. Lb. 50c., 10 lbs. \$4.75.

FOR LAWN DRESSING USE

Wizard Brand Pulverized Sheep Manure

Application made early in the Spring will produce a thick, velvety green lawn. For old lawns broadcast 6 to 10 lbs. per 100 square feet, on new lawns 10 lbs. per 100 square feet, raked into the surface soil. 5 lbs. 40c., 10 lbs. 70c., 25 lbs. \$1.25, 50 lbs. \$1.85, 100 lbs. \$3.25, 500 lbs. \$15.00, $\frac{1}{2}$ ton \$28.50, ton \$55.00.

SEEDS—Flower, Vegetable, Lawn

All stocks selected to secure the utmost in purity of type and highest germination. It is our desire to always be able to supply seeds equal to the best.

DISPLAY CASE. Last season we installed a display case with **colored lithographed bags**, illustrating some three hundred varieties in flowers and vegetables, not only to make an attractive form of distribution but as a means of education; as it is often difficult to convey the idea of what is wanted, not only from our own descriptions, but our customers' efforts as well, and we trust our efforts have proved of assistance to a better understanding in a great many problems.

VARIOUS REQUISITES. In addition to our complete line of **Flower, Vegetable and Lawn Seeds**, we stock **Flowering Bulbs** for Spring and Fall planting. Plants of **Flowering Annuals** and **Perennials**. Flower Pots in complete assortment, Hanging Pots, Chains and Hooks, Wall Pockets, Plant Stakes, Trellis, Labels, **Insecticides** and **Fertilizers**. **Poultry Supplies**, Remedies, Hoppers, Fountains, Leg Bands, Chicken Feed, etc. Sergeant's **Dog Remedies**, "**Old Trusty**" Dog Biscuit, Ken-L Ration. **Bird Seed**, Gravel and general supplies. **Aquariums**, Goldfish, Ornaments, Plants, Shells, Gravel, etc. **Basketry Supplies**, Reeds, Bases, Butterflies, Milkweed, Grasses, etc. Johnson's Wood Dyes.

SEEDS BY MAIL. For the benefit of out-of-town buyers, I pay postage on all seeds ordered in packets, ounces and one-fourth pounds. Add for prepayment of postage on large quantities at parcel post rates, according to zone.

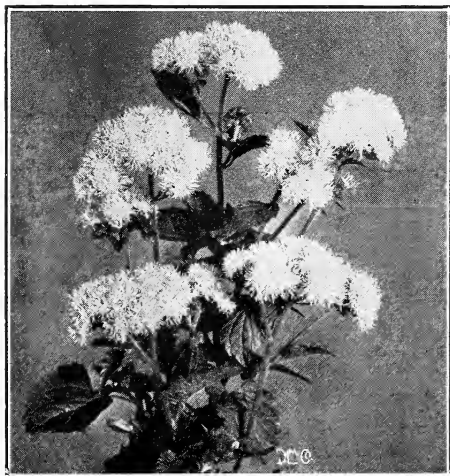
PARCEL POST RATES. 1st and 2nd zones, within 150 miles, first pound 7c., additional pounds 1c. each. 3rd zone, 150 to 300 miles, first pound 8c., additional pounds 2c. 4th zone, 300 to 600 miles, first pound 9c., additional pounds 4c. each.

NON-WARRANTY. I give no warranty, expressed or implied, as to description, purity, productiveness, or any other matter, of any Seeds, Bulbs or Plants I sell, and will not be in any way responsible for the crop.

WILLIS S. PINO.

Selected Flower Seeds

Our stock of flower seeds has been selected to supply the wants of a critical florists' trade and our customers may be sure of receiving nothing but seeds of the finest quality. All flower seeds in packages, ounces, and quarter pounds mailed free at prices; larger quantities, add at Parcel Post zone rates.



Ageratum

ABRONIA umbellata (Sandverbena). Trailing annual; rose color adapted to dry, poor soil. $\frac{1}{4}$ oz. 25c.....	Pkt. \$0.10
ACONITUM napellus (Monkshood). Free-flowering hardy plant; does well in shade; 2 ft.....	.10
ACROCLINIUM. Graceful, everlasting for Winter bouquets. Flower heads should be gathered when young if to be preserved. Mixed Colors. $\frac{1}{4}$ oz. 25c.....	.10
ADLUMIA cirrhosa. Beautiful climber, flowers pink; height 15 ft.....	.10

AGERATUM

Beautiful, hardy annual of near bushy habit. Very desirable for outdoor bedding; covered with bloom nearly all Summer. Pkt.

Blue Perfection. The darkest colored large flowering variety. Deep amethyst blue. Compact and fine bedder. 1 ft. $\frac{1}{4}$ oz. 35c.....	\$0.10
Imperial Dwarf. Blue, $\frac{3}{4}$ ft. $\frac{1}{4}$ oz. 25c.....	.10
Imperial Dwarf. White, $\frac{3}{4}$ ft. $\frac{1}{4}$ oz. 25c.....	.10
Imperial Dwarf. Mixed. $\frac{3}{4}$ ft. $\frac{1}{4}$ oz. 25c.....	.10

AGROSTEMMA

Free blooming plants. Culture easy. Pkt.	
Coelirosa (Rose-of-heaven). Hardy annual; bright rose; 18 in. $\frac{1}{4}$ oz. 25c.....	\$0.10
Coronaria (Mullein Pink). Hardy perennial, dark blood-red; 2 ft.; fine for cutting. $\frac{1}{4}$ oz. 25c.....	.10



Sweet Alyssum



Aster, Semples Branching



Aster, Queen of the Market

An improved Anemone-flowered type, having long twisted and quilled petals with a cushion center of tiny quilled petals of contrasting colors. A wonderful cut flower. $\frac{1}{8}$ oz. 50c. .15

ANTIRRHINUM (Snapdragon)

Half-hardy perennial treated as an annual. One of the finest flowers for cutting; spikes long, gorgeously colored. Seed sown in February or March will bloom from July until frost. May also be sown in open ground in April for blooming in August.

Nanum grandiflorum. Large-flowering, medium height varieties; $2\frac{1}{2}$ ft. The best type for general use.	Pkt.
Golden Queen. Clear yellow. $\frac{1}{8}$ oz. 35c.	\$0.10
Firebrand. Bright scarlet. $\frac{1}{8}$ oz. 35c.	.10
Purity. Pure white. $\frac{1}{8}$ oz. 35c.	.10
Silver Pink. Pearly pink, seemingly covered with a silver sheen. $\frac{1}{8}$ oz. 50c.	.10
Mixed Colors. $\frac{1}{8}$ oz. 35c.	.10
Majus grandiflora. Tall-growing; 3 ft. Adapted for garden culture; fine, long stems for cutting. Mixed Colors. $\frac{1}{8}$ oz. 25c.	.10
Tom Thumb. Dwarf varieties; $\frac{1}{2}$ ft. Album. White. Roseum. Pink. Each.	.10
Tom Thumb, Mixed. Fine assortment of all colors. $\frac{1}{8}$ oz. 35c.	.10



Antirrhinum

ALYSSUM

Dwarf growing, hardy annuals blooming profusely throughout the season.	Pkt.
Maritimum ((Sweet Alyssum). Fragrant white; 10 in. Oz. 30c., $\frac{1}{4}$ lb. 90c.	\$0.10
Little Gem. Dwarf white; 6 in. $\frac{1}{4}$ oz. 25c., oz. 75c., $\frac{1}{4}$ lb. \$2.25.	.10
Carpet of Snow. Pure white, very dwarf and sweet; 4 in. $\frac{1}{4}$ oz. 35c., oz. \$1.00.	.10
Lilac Queen. Compact growth with lilac-colored flowers. $\frac{1}{4}$ oz. 25c.	.10
Saxatile compactum (Gold Dust). Bright yellow. Spring-flowering hardy perennial; 9 in. $\frac{1}{4}$ oz. 25c.	.10
AMMOBIUM alatum grandiflorum. A beautiful everlasting annual.	.10

AMARANTHUS

Brilliant foliaged annuals with showy racemes of flowers; very ornamental.	Pkt.
Bicolor rubra. Scarlet and orange foliage. $\frac{1}{4}$ oz. 25c.	\$0.10
Caudatus (Love-lies-bleeding). Dark red. $\frac{1}{4}$ oz. 25c.	.10
Tricolor splendens. Very beautiful foliage. $\frac{1}{4}$ oz. 25c.	.10
ANCHUSA capensis (Summer Forget-me-not). Border plant with branched heads of azure-blue with white eye. Hardy annual; 2 ft. $\frac{1}{4}$ oz. 25c.	.10
Dromore Variety. One of the best blue perennials, flowers borne on graceful stems and continuous blooming. $\frac{1}{8}$ oz. 25c.	.10
ANEMONE (Windflower). Valuable perennial, producing large flowers; fine for bouquets. Sow in Spring and shade till plants appear. 18 in.	
Coronaria (Poppy Anemone). Single mixed.	.10
St. Brigid. Double and semi-double flowers in pleasing array of colors. Mixed.	.15

Asters

One of the most highly prized and best known annuals. Should be sown from middle of March to 1st of May and when an inch high, transplanted into pots or boxes and planted out in open ground last of May. Ground should be well manured and thoroughly worked. Seed sown in open ground from middle of April until June make excellent late blooms.

GIANTS OF CALIFORNIA

A splendid new strain combining the fluffy Comet type flower with the giant size and vigor of the Beauty type. The finest strain of Aster on the market.

	$\frac{1}{8}$ oz.	Pkt.
White	\$0.75	\$0.25
Peach Blossom	.75	.25
Light Blue	.75	.25
Deep Rose	.75	.25
Dark Purple	.75	.25
Mixed Colors	.75	.25

SINGLE GIANTS OF CALIFORNIA

Flowers measure 3 inches in diameter with stems 18 inches long, petals slightly twisted. Good range of colors. Attractive in the garden or cut. $\frac{1}{8}$ oz. 50c., pkt. 15c.

SEMPLS BRANCHING

A very strong growing type of Aster, stems long, bloom full-petaled, large and fine form. The petals are long, broad and of exceptional substance; height $2\frac{1}{2}$ feet.

	$\frac{1}{8}$ oz.	Pkt.
White	\$0.40	\$0.10
Shell Pink	.40	.10
Rose Pink	.40	.10
Scarlet	.40	.10
Lavender	.40	.10
Purple	.40	.10
Mixed	.40	.10

HEART OF FRANCE

Medium Size, Dark Red. $\frac{1}{8}$ oz. 50c.	.15
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SUNSHINE (Single Flowering)

GIANT BRANCHING COMET

Flowers extra large, with long, wavy, curled petals, long stems and branching habit; $2\frac{1}{2}$ feet.

	$\frac{1}{8}$ oz.	Pkt.
White	\$0.40	\$0.10
Light Blue	.40	.10
Shell Pink	.40	.10
Rose	.40	.10
Dark Blue	.40	.10
Mixed	.40	.10

THE KING (Needle Type)

Vigorous growth, long, stiff stems; branching habit. Flowers large, petals quilled and those in center being curled and incurved.

	$\frac{1}{8}$ oz.	Pkt.
Pure White	\$0.50	\$0.10
Violet	.50	.10
Pink Delicate	.50	.10
Mixed	.50	.10

QUEEN OF THE MARKET

The earliest flowering variety; stems long and an excellent variety for cutting.

	$\frac{1}{8}$ oz.	Pkt.
White	\$0.40	\$0.10
Flesh Color	.40	.10
Rose	.40	.10
Light Blue	.40	.10
Dark Blue	.40	.10
Mixed	.40	.10

AQUILEGIA (*Columbine*)

Free-blooming, hardy perennials; thrives best in a moist situation.

Long-spurred Scott Elliotts Hybrids, Choice Mixed. The Pkt. finest strain in existence. Colors are unique and very striking;

2½ ft. 1-16 oz. 50c. \$0.25

Single Mixed. ½ oz. 25c.10

Double Mixed. ½ oz. 25c.10

Coerulea (Rocky Mountain Blue Columbine). ½ oz. 50c.15

ARABIS alpina (Rock Cress). Early, Spring-flowering, pure white annual for edging or rockeries. ¼ oz. 25c.10

ARMERIA formosa (Thrift or Sea Pink). Hardy perennial, excellent for edging or rockeries.10

ARCTOTIS grandis (African Daisy). Hardy annual. Pure white flowers with light blue center; 2½ ft. ¼ oz. 25c.10

ASPERULA

Adapted to border or rockwork; sweet scented, long bloomers. Will grow in poor soil or shaded places. Pkt.

Setosa azurea. Light blue; 1 ft. ¼ oz. 25c. \$0.10

Odorata (Woodruff). White; 1½ ft.10

AUBRIETIA (Rainbow Rock Cress). Hardy perennial rock plant with silvery green foliage and flowers of many shades.

Large Flowering Hybrids Mixed. ½ oz. 25c.15

BALSAM

Very popular annuals, producing a brilliant array of colors. Sow in open ground in May and transplant two or three times, allowing not less than 18 inches between plants at the last transplanting. Pkt.

Improved Camellia-flowered. Pure white. \$0.10

Mixed Colors. ¼ oz. 25c.10

**Aquilegia**

Pkt.

BALLOONVINE. A very rapid growing climber, producing curious-shaped capsules.

Oz. 15c. \$0.10

BARTONIA aurea. Beautiful annuals, flowers golden yellow and very fragrant in the evening. Succeeds well in partial shade. ¼ oz. 25c.10

BEGONIA

Excellent for Summer and Autumn blooming; both flowers and foliage have a bright waxy appearance. Pkt.

Vernon. A beautiful plant for beds and borders; withstands heat and drought. \$0.10

Semperflorens Mixed. All colors from white to crimson.10

BELLIS (*Double English Daisy*)

Favorite perennials; sow seed June to September; transplant in Fall and protect during the Winter. Will flower early in Spring. Sown in Spring will flower in Fall. Pkt.

Finest Mixed. ½ oz. 50c. \$0.10

NEW GIANT DOUBLE. Enormous double flowers; 2 to 2½ in. in diameter.

Double Giant rosea. 1-16 oz. 75c.15

Double Giant alba. White. 1-16 oz. 75c.15

Double Giant Mixed. 1-16 oz. 50c.15

BRACHYCOME (Swan-river-daisy). Hardy annual, with small blue flowers; blooms profusely most of the Summer. 9 in. ½ oz. 25c.10

BROWALLIA elata. Profuse blooming annual. Excellent for cutting; color pale blue. ¼ oz. 30c.10

CALCEOLARIA hybrida, Choice Mixed. Recommended for greenhouse plants, with beautiful striped, blotched and variegated flowers.25

CALENDULA (*Pot-marigold*)

Very robust, free-flowering annuals; seed may be sown in March and transplanted to open ground when danger of frost is over, or seed may be sown in open ground in April or May. Pkt.

Meteor, Double. Light orange striped; 1½ ft. ¼ oz. 25c. \$0.10

Orange Giant. Large, deep orange. ¼ oz. 25c., oz. 75c.10

Sulphur Crown. Large sulphur-yellow. ¼ oz. 25c.10

Balls Strain. Special forcing stock. Orange, light center. ½ oz. 75c.25

Mixed. All sorts. ¼ oz. 25c., oz. 75c.10

CALLIOPSIS

Very free-flowering annuals, producing a gorgeous display in various shades of yellow and brown. Excellent for cutting. Pkt.

Drummondii (Golden Wave). Yellow, maroon center. ¼ oz. 25c. \$0.10

Coronata maxima. Large yellow. ¼ oz. 25c.10

Finest Mixed. ½ oz. 25c.10

Lanceolata. Bright yellow perennial. ¼ oz. 25c.10

CAMPANULA (*Canterbury-bells*)

Very attractive, hardy biennials, showy for borders.

Pkt.

Medium, Single Mixed. ¼ oz. 35c. \$0.10

Single White. ½ oz. 40c.10

Single Blue. ½ oz. 40c.10

Single Rose. ½ oz. 40c.10

Single Striped. ½ oz. 40c.10

Medium, Double Mixed. ½ oz. 40c.10

Double Blue. ½ oz. 50c.10

Pkt.

Double Rose. ½ oz. 50c. \$0.10

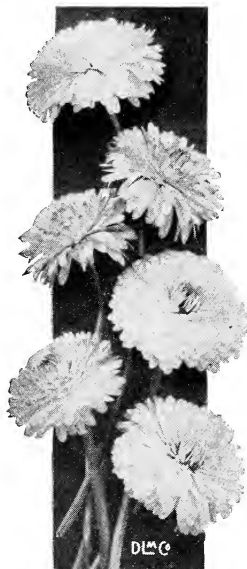
Double White. ½ oz. 50c.10

Calycanthema, Mixed (Cup-and-saucer). ½ oz. 40c.10

Blue. ½ oz. 50c.10

White. ½ oz. 50c.10

Rose. ½ oz. 50c.10

**Bellis perennis****Campanula**



Candytuft



Centaurea



Chrysanthemum

CINERARIA HYBRIDA

Ornamental plants for greenhouse or conservatory. Seed should be sown from July to September. Pkt.

Improved Dwarf Large-flowering. In excellent range of colors.....\$0.25

Improved Dwarf Cactus-flowered. Very fine colors; petals narrow and twisted......25

Grandiflora Mixed. Half high; beautiful colors.. .25

Maritima (Dustymiller). Silver foliage..... .10

Nana Multiflora. Compact growing plant with large heads of small perfect shaped beautifully colored bloom. Mixed colors......50

CANDYTUFT

Free-flowering, showy annuals; excellent for borders and valuable for cutting Pkt.

Giant Hyacinth-flowered. White. $\frac{1}{4}$ oz. 25c., oz. 75c.....\$0.10

Lilac. Shading to purple. $\frac{1}{4}$ oz. 25c., oz. 75c..... .10

Rose. Attractive. $\frac{1}{4}$ oz. 25c..... .10

Flesh Color. Very delicate. $\frac{1}{4}$ oz. 25c..... .10

Crimson. Very beautiful. $\frac{1}{4}$ oz. 25c..... .10

Mixed. Annual. $\frac{1}{4}$ oz. 20c., oz. 50c..... .10

Hardy Perennial. Pure white. $\frac{1}{8}$ oz. 50c..... .15

CANNA

Very showy foliage and brilliant flowering plants; desirable for large beds. Pkt.

Crozy's Large-flowering Dwarf Mixed. Oz. 30c.....\$0.10

CARDINAL CLIMBER. A rapid-growing annual climber, with deeply, lacinated leaves and numerous small, glowing scarlet flowers. $\frac{1}{8}$ oz. 25c..... .15

CARNATIONS

Excellent for pots and open border culture. Pkt.

Giant Double Chaubaud. Blooms in five months from sowing. Double fringed fragrant blooms in profusion. 1-16 oz. 50c..... .25

Marguerite. This variety blooms in four months from sowing of seed; flowers large and fragrant. **Finest Mixed.** $\frac{1}{8}$ oz. 30c.....\$0.10

CELOSIA (Cockscomb)

Very showy annuals of two distinct classes—**cristata**, the comb varieties; **plumosa**, the feather sorts. Pkt.

Cristata nana. Dwarf sorts in variety of colors. **Mixed.** $\frac{1}{8}$ oz. 30c.....\$0.10

Cristata Glasgow Prize. Dark foliage and crimson comb. $\frac{1}{8}$ oz. 35c..... .10

Plumosa thompsoni. Yellow plumes; fine. $\frac{1}{8}$ oz. 25c..... .10

Plumosa thompsoni. Crimson plumes. $\frac{1}{4}$ oz. 25c..... .10

Plumosa childsi (Chinese Woolflower). Large, ball-shaped scarlet flowers blooming from July until frost. Easy of culture and without doubt one of the best garden annuals. $\frac{1}{8}$ oz. 35c..... .10

CENTAUREA

Double Cornflower (Bachelor Button). Well-known, old-fashioned garden annuals of easy culture, but will amply repay for care required. Pkt.

Double, Blue. Fine double blooms. $\frac{1}{4}$ oz. 25c., oz. 75c.....\$0.10

Double Lawsons Pink. $\frac{1}{4}$ oz. 25c., oz. 75c..... .10

Double Rose. Choice selection. $\frac{1}{4}$ oz. 25c., oz. 75c..... .10

Double White. Very double, new. $\frac{1}{4}$ oz. 25c., oz. 75c..... .10

Mixed Double. $\frac{1}{4}$ oz. 25c., oz. 50c..... .10

Imperialis (Giant Sweet Sultan). Large, sweet-scented flowers on long stems, in very beautiful colors and shades. Pkt.

Brilliant Rose. $\frac{1}{4}$ oz. 35c.....\$0.10 **Purple.** $\frac{1}{4}$ oz. 35c..... .10

Delicate Lilac. $\frac{1}{4}$ oz. 35c..... .10 **White.** $\frac{1}{4}$ oz. 35c..... .10

Mixed. All colors. $\frac{1}{4}$ oz. 25c..... .10

Candidissima. Broad cut foliage, silvery gray..... .10

Gymnocarpa. Fine cut. Silver foliage; drooping habit..... .10

Suaveolens. Yellow Sweet Sultan. $\frac{1}{4}$ oz. 30c..... .10

CHEIRANTHUS allioni (Siberian Wallflower). Dwarf hardy biennial treated as annual, flowering freely through the Summer. For early flowering sow in late Summer. Brilliant orange. 1 ft. $\frac{1}{4}$ oz. 35c..... .10

CHRYSANTHEMUMS

Very showy annuals; valuable for cutting. Pkt.

Single Mixed. Annual sorts. Daisy-like flowers in attractive colors with contrasting tricolor zone. $\frac{1}{4}$ oz. 25c.....\$0.10

Carinatum, Double Mixed. Free-flowering annual; valuable for cutting. $\frac{1}{4}$ oz. 25c..... .10

Coronarium, Double White. $\frac{1}{4}$ oz. 25c..... .10

Double Yellow. $\frac{1}{4}$ oz. 25c..... .10

Double Finest Mixed. $\frac{1}{4}$ oz. 25c..... .10

CLARKIA, Mixed. Free-flowering annuals of easy culture, doing well in sun or shade; valuable for cutting. $\frac{1}{2}$ oz. 25c..... .10

CLEOME gigantea (Giant Spiderflower). Very attractive among shrubbery. Height 3 ft. $\frac{1}{4}$ oz. 25c..... .10

COBAEA

Rapid-growing climbing vines with handsome, dark green foliage and bell-shaped flowers; 20 ft. Pkt.

Scandens. Blue. $\frac{1}{4}$ oz. 25c.....\$0.10

Scandens. White..... .10

COLEUS

Ornamental foliage plants. Pkt.

New Hybrids, Mixed. Very choice colorings.....\$0.25

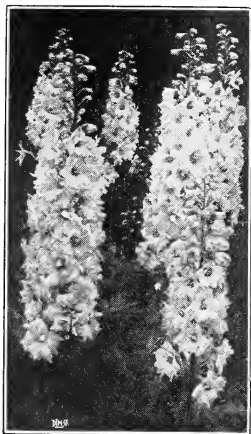
Fine Mixed...... .10

CONVOLVULUS (Morning-glory)

Rapid growing climbing annuals, producing quick cover and abundance of bloom. Height about 15 feet. **Major Mixed.** Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.00.



Cosmos



Delphinium



Dianthus

COSMOS

A hardy and rapid growing annual with feathery green foliage. Flowers have long, graceful stems and attractive for cutting. Thrives best in light soil and not too rich.

Early Flowering Mammoth. Sow in April or May in the open ground where they are to grow and thin out but do not transplant. Pinch out tops when 2 to 3 ft. high to force plant to branch. Should bloom profusely from August Pkt. until frost. \$0.10

White. $\frac{1}{4}$ oz. 25c. 10 **Crimson.** $\frac{1}{4}$ oz. 25c. 10
Rose. $\frac{1}{4}$ oz. 25c. 10 **Finest Mixed.** $\frac{1}{4}$ oz. 25c. 10

New Double Crested. Extra early-flowering. Entirely new class, producing a very double flower crested by an outer row of petals, making a very attractive appearance. A good percentage come true from seed.

White. Snow white. $\frac{1}{8}$ oz. 75c. 15
Rose. Rosy-pink. $\frac{1}{8}$ oz. 75c. 15

Crimson. $\frac{1}{8}$ oz. 75c. 15
Finest Mixed. $\frac{1}{8}$ oz. 50c. 15

COWSLIP (*Primula Veris*). Hardy Spring flowering perennial, colors yellow, brown edged yellow, etc. Fragrant. 15

CYCLAMEN Persicum Giganteum. Excellent for pot plants; foliage is very beautiful. **Mixed Colors.** 25

CYNOGLOSSUM caelestinum (Chinese Forget-me-not). Annual of easiest culture, producing through the Summer sprays of delicately scented intense blue flowers. $\frac{1}{4}$ oz. 30c. 10

CYPRESS VINE. Climbing annual of great beauty; foliage is extremely attractive. **Finest Mixed.** $\frac{1}{4}$ oz. 25c. 10

DAISY, Shasta (Alaska). Hardy perennial, blooming abundantly the first year from seed. Flowers large pure white with yellow center. $\frac{1}{8}$ oz. 25c. 10

DATURA, Mixed. Hardy annuals producing large, showy plants with handsome, trumpet-shaped flowers. 10

DAHLIA

Half-hardy perennials of value for cutting. Blooms first season from seed sown in March or April. Pkt.

Double Large-flowering Mixed. $\frac{1}{8}$ oz. 35c. \$0.10

Single Large-flowering Mixed. $\frac{1}{4}$ oz. 35c. 10

Coltness Hybrids. New dwarf single bedding sort of merit. Plants compact, about 18 in. high, blooming in continuous succession from July to frost. 25

DELPHINIUM (*Hardy Larkspur*)

One of the most desirable hardy perennials. Flowers produced on long spikes in shadings of white and blue. Pkt.

Belladonna. Light blue. $\frac{1}{8}$ oz. 50c. \$0.15

Bellamosa. Dark blue. $\frac{1}{8}$ oz. 50c. 15

Exhibition Hybrids. Produced from the choicest named varieties secured from the world's noted specialists, embracing all shades known to Delphiniums. Strong, vigorous habit and large spikes, both single and double flowering.

Light Blue Shades, Mid Blue Shades, Deep Blue Shades, Pastel Shades.

Each pkt. 35c., large pkt. \$1.00.

Exhibition Mixture. $\frac{1}{8}$ oz. 50c., $\frac{1}{8}$ oz. 75c. 25

Hollyhock Strain (Wrexham type). The graceful spire-shaped spikes of enormous size and beauty of form is rapidly bringing this strain to the front as the greatest advance in Delphiniums. Mixture all shades, double and single. $\frac{1}{8}$ oz. 75c. 35

Gold Medal Hybrids. Special strain from selected plants. Colors range from pale lavender to deep blue. $\frac{1}{4}$ oz. 75c. 15

DIANTHUS

Excellent plants for beds and borders. Flowers cover a wide range of colors and are very fragrant. Pkt.

Chinensis, Fine Mixed (China Pink). Double-flowering popular sort. $\frac{1}{4}$ oz. 25c. \$0.10

Heddwigi fl. pl. Double-flowering Japan Pinks. 10

Heddwigi fl. pl. Single Mixed. Splendid large flowering. 10

Plumarius. Double-flowering, hardy garden or June Pink. $\frac{1}{8}$ 35c. 15

DIDISCUS

Pkt.

Coeruleus (Blue Lace Flower). Easily grown garden annual, popular for cut flowers. Plants 2 ft. high, umbel-shaped bloom, heavenly blue. $\frac{1}{8}$ oz. 35c. . . . \$0.15

DIGITALIS

Desirable plants for backgrounds, borders and among shrubbery. Handsome, spotted flowers. Pkt.

Alba. Pure white. $\frac{1}{8}$ oz. 35c. \$0.10 **Yellow.** $\frac{1}{8}$ oz. 35c. 10

Rosea. Rose color. $\frac{1}{8}$ oz. 35c. 10 **Mixed.** $\frac{1}{4}$ oz. 35c. 10

DIMORPHOTHECA (African Daisy) **Aurantiaca Hybrida.** New Hybrids of African Daisy. Annual free-blooming in many colors, white to red and bluish, sulphur, lemon, orange, etc. $\frac{1}{4}$ oz. 50c. 10

Aurantiaca. Orange only. $\frac{1}{4}$ oz. 50c. 10

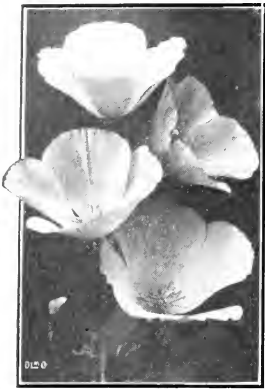
DOLICHOS Lablab, Mixed (Hyacinth-bean). Climbers. Oz. 25c. 10

DRACAENA Indivisa. Decorative plant with long, narrow green leaves. 10

ECHINO CYSTIS Lobata (Wild Cucumber). A very rapid growing annual climber. Oz. 25c. 10



Didiscus



Eschscholtzia

ESCHSCHOLTZIA (*California-poppy*)

There have been many new shades produced in the last few years which add very much to the beauty of these profuse blooming hardy annuals. Poppy-like blooms June until frost.

Aurantiaca. Rich orange, true California Poppy. $\frac{1}{4}$ oz. 25c	Pkt. \$0.10
Carmine King. Rosy carmine. $\frac{1}{4}$ oz. 25c	.10
Lovely. Rose-pink, suffused salmon. $\frac{1}{8}$ oz. 35c	.15
Rose Cardinal. Creamy rose. $\frac{1}{4}$ oz. 25c	.10
Scarlet Beauty. Deep scarlet. $\frac{1}{8}$ oz. 35c	.15
Tango. Bronzy-red overlaid terra-cotta. $\frac{1}{8}$ oz. 35c	.15
New Large-flowering Hybrids.	
Mixed. Eret type containing a large per cent of new colors including soft pink, scarlet, chrome, copper-red, claret, royal purple. $\frac{1}{8}$ oz. 35c	.15
Bush (Hunnemannia). Bright yellow on long stems, excellent for cutting, hardy annual. 2 ft. $\frac{1}{4}$ oz. 25c	.10
EUPHORBIA. Very pretty, quick growing annuals.	
variegata. White and green foliage. $\frac{1}{4}$ oz. 25c	.10

GAILLARDIA

Showy bedding and border plants blooming the first season from seed and among the gayest blooms in the garden in Summer and Autumn. Combinations of yellow and red predominate; flowers 2 inches or more in diameter on long stems. Desirable for cutting.

Lorenziana, Mixed. Superb annual sort. $\frac{1}{4}$ oz. 25c	Pkt. \$0.10
Grandiflora, Mixed. Perennials of great beauty. $\frac{1}{4}$ oz. 35c	.10
GILIA capitata. Erect habit, 2 ft. Pkt. high; lavender-blue. Desirable for borders or cut bloom. $\frac{1}{4}$ oz. 25c	
GERANIUM, Finest Mixed	.10
GEUM atrosanguineum. Handsome plants for shrubby borders. Hardy perennial.	.10
GLOXINIA erecta, Mixed. Splendid pot plants.	.25
GLOBE-AMARANTH, Mixed. Showy, everlasting.	.10
GODETTA. Free-flowering annuals for beds and borders. $\frac{1}{4}$ oz. 25c	.10



Gourds

GOURDS, ORNAMENTAL

Rapid-growing climbers with odd-shaped fruits.	Pkt.
Small Sorts, Mixed. Oz. 30c	\$0.10
Dipper or Calabash. Oz. 30c	.10
Dishcloth, or Sponge. Oz. 30c	.10
Apple-shaped. Oz. 30c	.10
Egg-shaped. White. Oz. 30c	.10
Pear-shaped. Oz. 30c	.10

GYPSOPHILA

Paniculata. Perennial; fine, feathery white flowers. Much used in mixed bouquets and dried for use with dried everlastings. $\frac{1}{4}$ oz. 25c	Pkt. \$0.10
Elegans grandiflora alba. Large flowering, pure white. Sowings should be made at intervals of two weeks to insure continuous bloom. Hardy annual. Oz. 25c	.10



Helichrysum

HELIANTHUS (*Sunflower*)

Hardy annuals; flowers attractive.	Pkt.
Annuus purpurea (Red Sunflower). Some flowers chestnut-red, others tipped yellow, others washed with red. $\frac{1}{4}$ oz. 25c	\$0.10
Californicus. Large, double, orange color. $\frac{1}{2}$ oz. 25c	.10
Miniature Sunflowers. Single, abundant bloomers. 3 ft.	
Cucumerifolius. Yellow. $\frac{1}{4}$ oz. 25c	.10
Orion. Yellow. Twisted petals. $\frac{1}{4}$ oz. 25c	.10
Purpureus. Terra cotta, old rose shades. $\frac{1}{4}$ oz. 25c	.10
Globosus fistulosus. Double, globe-shaped; height 6 ft.	.10
Mammoth Russian. Immense single yellow flowers; height 6 to 8 ft. oz. 10c.	

HELICHRYSUM (*Strawflower*)

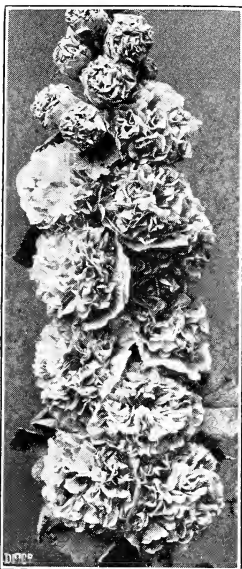
One of the best everlastings, making fine display in the border or dried for Winter bouquets. For Winter use cut when only partly open, take off all foliage, tie in bunches and hang head down in dark place to dry. Sow seed early in Spring and transplant or thin to 12 inches apart.

Valuable everlastings with beautiful colorings.	Pkt.
Fireball. $\frac{1}{4}$ oz. 35c	\$0.10
Golden Globe. $\frac{1}{4}$ oz. 35c	.10
Rose-carmine Shades. $\frac{1}{4}$ oz. 35c	.10
HELIOTROPE, Finest Mixed. Popular for pots or bedding.	.10
HIBISCUS, Giant-flowering. Improved form of native Mallow with flowers often 8 to 10 in. in diameter. Height, 5 to 8 ft., blooming freely from July until frost. Colors, red, pink, white.	
Mixed. All colors. $\frac{1}{4}$ oz. 25c	.10

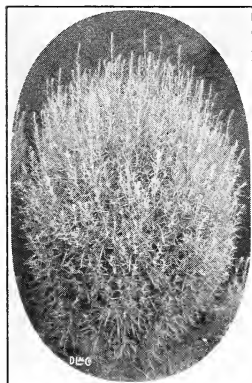
HUMULUS

Quick-growing annual climbers for covering arbors, etc., the first season from seed.

Japonicus. Green foliage. $\frac{1}{2}$ oz. 25c	Pkt. \$0.10
Japonicus variegatus. Variegated green and white.	.10



Hollyhock



Kochia



Marvel of Peru

HOLLYHOCK

Very ornamental perennials, attractive in mixed borders, making an attractive background. Flowers about 3 inches across set as rosettes around strong-growing stalks. Seed sown in May or June make fine blooming plants the following season.

Chaters Double Prize Strain.

Pure White	Deep Rose	Sulphur Yellow	Pkt.
Newport Pink	Scarlet	Salmon	
Chaters Double Mixed.	Above, each, $\frac{1}{8}$ oz. 35c.....		\$0.10
Single Mixed. All colors.	$\frac{1}{4}$ oz. 25c.....		.10
Double Annual Mixed.	$\frac{1}{4}$ oz. 25c.....		.10

HONESTY. Hardy biennial treated as an annual. Admired for its silvery seed pouches..... .10

ICE PLANT. Trailing plants for rockeries, baskets, etc..... .10

IMPATIENS Sultana (Sultans-balsam). Beautiful decorative plants..... .15

IPOMOEA Grandiflora (Moonflower). Rapid growing climbers with large, white flowers..... .10

Rubra caerulea (Heavenly Blue). Early flowering; immense flowers, bright sky-blue. $\frac{1}{4}$ oz. 35c..... .10

Imperial Japanese Morning-glory. Very attractive blooms, rapid climbers. Oz. 25c..... .10

KOCHIA Childsi (Summer-cypress, Burningbush). An easily grown annual, 3 ft. high. Makes an excellent hedge or fine specimen. Compact, pyramidal growth, light green turning to blood-red early in Autumn. $\frac{1}{4}$ oz. 25c..... .10

KUDZU VINE. Perennial climbing vine, rosy-purple, pea-shaped flowers. $\frac{1}{2}$ oz. 25c..... .10

LANTANA Hybrida, Mixed. Rapid-growing, small, bushy shrubs..... .10

ANNUAL LARKSPUR

This well-known garden annual has been wonderfully improved in the last few years by selection for size of bloom and color as well as general habit of plant. Seeds sown early in house or hotbed produce strong plants ready for open ground in May or seeds sown in open ground in April will bloom profusely from July to frost 3 feet.

Tall Stock-flowered.

White	Shell Pink	Rose	Pkt.
Ageratum Blue	Sky Blue	Dark Blue	
Each of above, $\frac{1}{4}$ oz. 30c.....			\$0.10
Exquisite. Soft rose pink, variable. $\frac{1}{4}$ oz. 35c.....			.15
Finest Mixture. $\frac{1}{4}$ oz. 25c., oz. 75c.....			.10

LATHYRUS Latifolius (Perennial Pea), Mixed. Climbers. $\frac{1}{4}$ oz. 25c..... .10

LINUM (Flax). Annuals of graceful habit.

Grandiflora rubrum. Dark red. $\frac{1}{4}$ oz. 25c..... .10

Grandiflora caeruleum. Blue. $\frac{1}{4}$ oz. 25c..... .10

Perenne (Perennial Flax). Blue. $\frac{1}{4}$ oz. 25c..... .10

LOBELIA. Graceful plants for vases, edgings, etc.

Gracilis. Trailing sort. Light blue..... .10

Crystal Palace compacta. Erect sort, dark blue..... .10

LINARIA cymbalaria (Kenilworth-ivy)

Trailing plant for vases, etc..... .10



Larkspur

LUPINUS (Lupine)

Annual sorts. Easily grown, free-flowering annuals with graceful spikes of various colored, pea-shaped flowers suitable for beds, borders and cutting. Do best in partial shade.

White.	Pkt.
$\frac{1}{2}$ oz. 25c.....	\$0.10
Rose.	
$\frac{1}{2}$ oz. 25c.....	.10

Dark Blue.	$\frac{1}{2}$ oz. 25c.....	Pkt.
Sky Blue.	$\frac{1}{2}$ oz. 25c.....	
Annual Mixed. All colors. Oz. 30c.....		.10

Polyphyllus perennial sorts. Hardy perennials blooming in May and June. Will thrive in any good garden soil.

Blue.	$\frac{1}{4}$ oz. 25c.....	.10
White.	$\frac{1}{4}$ oz. 25c.....	.10
Rose.	$\frac{1}{4}$ oz. 35c.....	.15
Finest Mixed.	$\frac{1}{2}$ oz. 25c.....	.10

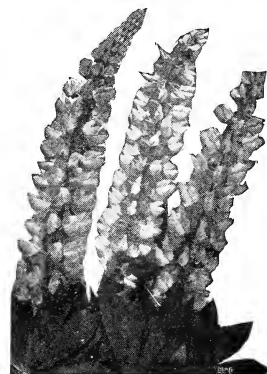
LYCHNIS Chalcedonica (London Pride). Bright scarlet, 2 to 3 ft. high. Hardy perennial..... .10

MAURANDIA. Mixed trailing plants for baskets..... .10

MATRICARIA Capensis (Double White Feverfew). Fine bedding plant, producing attractive double white flowers in abundance the entire season. $\frac{1}{4}$ oz. 25c..... .10

Golden Ball. Compact bushy plant, covered with double bright yellow button-like blooms..... .15

MARVEL OF PERU (Four-o'clock). Favorite old-fashioned flowers, bushy habit, bearing hundreds of pink, white, yellow, crimson and violet flowers. Oz. 25c... .10



Lupinus



Marigold

MARIGOLD

Old-fashioned hardy annuals of easy cultivation; the African type are mostly tall growing, making excellent large beds or mass planting, also attractive in mixed borders. French varieties are mostly dwarf, making attractive borders. Seed may be sown in open ground in April and satisfactory results obtained. Sown in house or hotbed in March and transplanted before planting out in May, will produce more satisfactory blooming period.

African Tall, Mixed. Large-flowering, orange and lemon shades. $\frac{1}{4}$ oz. 25c., Pkt. oz. 75c.....	\$0.10
Orange Prince. $\frac{1}{4}$ oz. 25c.....	.10
Lemon Prince. $\frac{1}{4}$ oz. 25c.....	.10
French Dwarf, Mixed. A very beautiful type. Golden and maroon sorts. $\frac{1}{4}$ oz. 25c., oz. 75c.....	.10
French Dwarf, Gold Striped. Brown and golden yellow. $\frac{1}{4}$ oz. 25c.....	.10
Brunea. Double quilled flowers of rich brown with thread-like edge of yellow. $\frac{1}{4}$ oz. 25c.....	.10
Legion of Honor. Single. Golden yellow with purple. $\frac{1}{4}$ oz. 25c., oz. 75c.....	.10
Border of Gold. Single bright orange flowers completely covering the plant, fern-like foliage. Height 12 to 15 in. Fine for edging. $\frac{1}{4}$ oz. 25c.....	.10

MIGNONETTE

Well-known hardy annual producing very fragrant, cone-shaped flowers. Sow in open ground as soon as danger of frost is over, well pulverized sandy loam is best. Thrives best in cool temperature.

Grandiflora. Large-flowering. Oz. 25c.....	\$0.10
Machet. The best Mignonette for all purposes, indoor or outside. $\frac{1}{4}$ oz. 25c., oz. 75c.....	.10
MIMULUS moschatus (Muskplant). Yellow, sweet-scented.....	.10
MIMOSA pudica (Sensitiveplant).....	.10

MYOSOTIS (*Forget-me-not*)

Charming, half-hardy perennials, producing small blue flowers.	
Alpestris Royal Blue. Indigo blue, a very effective dark variety. $\frac{1}{8}$ oz. 30c., \$0.10	
Alpestris Victoria. Stout, bushy habit. $\frac{1}{8}$ oz. 30c.....	.10
Dissitiflora. Compact with sprays of blue flowers adapted to planting among spring bulbs.....	.15
Palustris (True Marsh Forget-me-not). Blue with white eye. $\frac{1}{8}$ oz. 75c.....	.15

NASTURTIUMS, DWARF

For Summer flower beds nothing can surpass them; plants form perfect mounds about 1 foot high by 1 foot across. Seed sown in open ground early in Spring produces blooming plants in early Summer and continues until frost

	Oz.	Pkt.		Oz.	Pkt.
Aurora. Salmon and pink.....	\$0.25	\$0.10	King Theodore. Dark maroon.....	\$0.25	\$0.10
Beauty. Yellow, striped red.....	.25	.10	Lady Bird. Orange-red, spotted.....	.25	.10
Chameleon. Variable.....	.25	.10	Pearl. Creamy white.....	.25	.10
Cloth of Gold. Scarlet.....	.25	.10	Prince Henry. Light yellow.....	.25	.10
Crystal Palace Gem. Sulphur, spotted maroon.....	.25	.10	Ruby King. Rose shaded.....	.25	.10
Empress of India. Crimson, dark leaves.....	.25	.10	Spotted. Red and yellow.....	.25	.10
Golden King. Golden yellow.....	.25	.10	Vesuvius. Salmon-rose.....	.25	.10
King of Tom Thumbs. Scarlet.....	.25	.10	Queen of Tom Thumbs. Mixed, variegated leaved sorts. $\frac{1}{4}$ lb. 75c.....	.30	.10
Mixed. Extra quality, our own mixture, from named varieties. $\frac{1}{4}$ lb. 50c., lb. \$1.50.....				.20	.10

NASTURTIUMS, TALL or CLIMBING

For covering trellis fences, rockeries, etc., or trailing from vases, they are unexcelled: of easy culture and rapid growth; 12 to 15 feet high.

	Oz.	Pkt.		Oz.	Pkt.
Scarlet.	\$0.25	\$0.10	Jupiter. Giant-flowering, yellow.....	\$0.25	\$0.10
Chocolate......	.25	.10	Pearl. Creamy white.....	.25	.10
King Theodore. Maroon.....	.25	.10	Prince Henry. Cream spotted; tipped red.....	.25	.10
Hemisphaerium. Yellow, blotched pink.....	.25	.10	Vesuvius. Salmon-rose.....	.25	.10
Regelianum. Purple-violet.....	.25	.10	Von Moltke. Ruby-rose.....	.25	.10
Mixed. Extra quality, our own mixture, from named varieties. $\frac{1}{4}$ lb. 50c., lb. \$1.50.....				.20	.10
NEMESIA strumosa suttoni. Splendid annual with large flowers, varying in color from creamy white to orange and carmine. Fine for bedding, doing best in a cool location. Orange or Mixed Colors. 1-16 oz. 75c.....					.15
NEMOPHILA (Baby Blue Eyes or Blue Bells). Low-growing annuals of easy culture, producing an abundance of bright, bell-shaped flowers all Summer. Do best in partly shaded, moist situation.					
Blue. $\frac{1}{4}$ oz. 25c.....Pkt., \$0.10			Mixed. $\frac{1}{4}$ oz. 25c.....		.10
NICOTIANA Affinis. A species of tobacco, very decorative. $\frac{1}{4}$ oz. 25c.....					.10
Sanderae. Hybrids, free-flowering, in variety of color. Height 2 ft. $\frac{1}{4}$ oz. 25c.....					.10
NIGELLA Miss Jekyll. Easily grown annual. Double, bright blue, excellent for cutting. $\frac{1}{2}$ oz. 25c.....					.10
OENOTHERA Lamareckiana (Evening Primrose). Large, yellow-flowering hardy annual. $\frac{1}{4}$ oz. 25c.....					.10



Mignonette



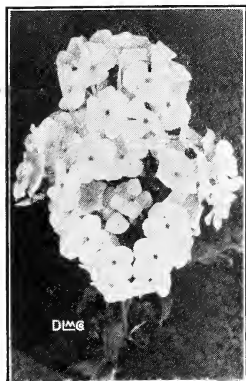
Nasturtium, Dwarf



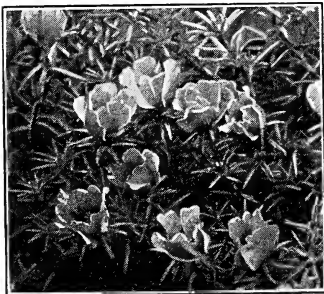
Nasturtium, Tall



Pansy



Phlox, Drummondii



Portulaca

PHLOX DRUMMONDI

Hardy, bush-like annuals with many clusters of brilliantly colored flowers. Attractive in clumps and massed beds and desirable for combining in mixed bouquets. Pkt.

Grandiflora alba. Pure white. $\frac{1}{4}$ oz. 50c.....	\$0.10
Coccinea. Brilliant scarlet. $\frac{1}{4}$ oz. 50c.....	.10
Chamois Rose. Deep salmon-rose. $\frac{1}{4}$ oz. 50c..	.10
Isabella. Light yellow. $\frac{1}{4}$ oz. 50c.....	.10
Rosea. Bright rose. $\frac{1}{4}$ oz. 50c.....	.10
Violaacea. Purple-violet, white eye. $\frac{1}{4}$ oz. 50c..	.10
Grandiflora Mixed, Choice Large-flowering	
Sorts. $\frac{1}{4}$ oz. 40c.....	.10
Cuspidata. Splendid star-shaped varieties.....	.10
Decussata Mixed. Perennial sorts. $\frac{1}{8}$ oz. 35c....	.10
POLYANTHUS. Popular hardy perennial. Finest	
named sorts, mixed. $\frac{1}{8}$ oz. 50c.....	.15

PORTULACA

Very brilliant, dwarf annuals, suitable for warm, dry situations. Should not be sown until hot weather. Pkt.

Single, Fine Mixed. $\frac{1}{4}$ oz. 25c., oz. 75c.....	\$0.10
Single, Pure White. $\frac{1}{4}$ oz. 30c.....	.10
Single, Golden Yellow. $\frac{1}{4}$ oz. 30c.....	.10
Single, Flesh. $\frac{1}{4}$ oz. 30c.....	.10
Single, Scarlet. $\frac{1}{4}$ oz. 30c.....	.10
Double, Choice Mixed. $\frac{1}{8}$ oz. 35c.....	.10

PANSIES

Seed should be sown in July and August for early Spring blooming, or if sown in May will make excellent plants for late blooming. Pkt.

Pino's Special Mixture. In this mixture we offer all the choice fancy sorts, and we believe nothing better can be procured. 1-16 oz. 50c..	\$0.25
Bugnot's Stained. Superb blotched varieties.....	.25
Cassier's Giants. Splendid, large flowering, blotched.....	.25
Masterpiece. Curled, wavy petals, new and distinct.....	.25
Orchidaeflora. A large-flowering class, comprising many new and novel shades.....	.25
Mme. Perret. Wine shades. $\frac{1}{8}$ oz. 50c.....	.15
Good Mixed. Fine bedding varieties. $\frac{1}{8}$ oz. 25c.....	.10
Trimardeau Giant. The largest and more robust in growth.	

Pkt.

Adonis, bright blue, $\frac{1}{8}$ oz. 50c..	\$0.15
White. $\frac{1}{8}$ oz. 50c.....	.15
Yellow. $\frac{1}{8}$ oz. 50c.....	.15
Mixed. $\frac{1}{8}$ oz. 40c.....	.15

Tufted Pansies. Very free blooming Pansies adapted to shady places.

Small flowering. Seed should be sown in early May or August.

Admiration. Dark blue. $\frac{1}{8}$ oz. 50c.....	.15
Lutea splendens. Yellow. $\frac{1}{8}$ oz. 50c.....	.15
Mauve Queen. Mauve. $\frac{1}{8}$ oz. 50c.....	.15
Papilia (Butterfly Violet). Violet-blue. $\frac{1}{8}$ oz. 75c.....	.15
White Perfection. Pure white. $\frac{1}{8}$ oz. 50c.....	.15
Finest Mixed. All colors. $\frac{1}{8}$ oz. 40c.....	.15

PETUNIAS

General favorites of easy cultivation, blooming continuously from early Summer till frost. Favorite for massing in beds and bordering walks and drives; also used in vases and window boxes. Pkt.

Large-flowering Special Formulae. This mixture is selected for size and brilliancy of color, more desirable than the fine mixture for bedding. $\frac{1}{8}$ oz. 35c..

Finest Mixed. Single bedding sort. $\frac{1}{4}$ oz. 35c.....	.10
Rosy Morn. Clear pink, white throat; compact, a constant bloomer. $\frac{1}{8}$ oz. 50c..	.15
Violaacea. Compact, free-flowering. Steel blue or deep violet. $\frac{1}{8}$ oz. 50c.....	.15
Snowball. Compact, free-flowering. Pure white. $\frac{1}{8}$ oz. 50c.....	.15
Striped and Blotched. Splendid varieties. $\frac{1}{4}$ oz. 35c.....	.10
Dwarf Striped and Blotched. Excellent for vases.....	.10
California Ruffled Giants. Extremely large flowers with ruffled edges; exquisite colorings and markings.....	.25

Double Mixed. Extra quality producing a good percentage of double flowers..

PORTLAND PETUNIAS. A new type adapted to planting in veranda boxes or bedding where the unusual is wanted.

Elks Pride. Deep royal purple, large size, plain edge.....	.25
Pride of Portland. Large, deep rose pink with whitish yellow throat; fringed.....	.25

PENTSTEMON (Beardtongue). Perennial plant producing large spikes of handsome, tubular flowers in almost every shade and color. Large flowering hybrids. **Mixed.** $\frac{1}{8}$ oz. 35c.....

PERILLA nankinensis. Splendid foliage. $\frac{1}{4}$ oz. 25c.....

PHYSALIS francheti (Chinese Lanternplant). An attractive plant, forming red, lantern-like pods retaining their color for months; excellent Winter decorations. $\frac{1}{8}$ oz. 25c.....

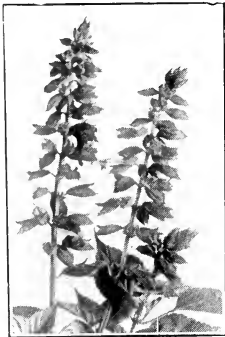
PLATYCODON grandiflora. Hardy perennial, bright blue, bell-shaped flowers. 2 ft.....



Petunia, California Giant



Poppy



Salvia



Salpiglossis



Scabiosa

POPPIES

Splendid plants for borders, etc., producing a profusion of bloom throughout the summer. Flowers are remarkable for large size, delicacy of tissue, and brilliancy of dazzling colors. Keep blooms cut regularly for long blooming season. Pkt.

Carnation-flowered. Splendid double-fringed varieties. Mixed. Oz. 25c. \$0.10

White Swan. Pure white. 1/2 oz. Pkt. \$0.25 \$0.10

Cherry-red. .25 .10 **Lilac-white.** .25 \$0.25 \$0.10

Shell-pink. .25 .10 **Salmon-pink.** .25 .10

Peony-flowered, Mixed. Double varieties. Oz. 25c. .10

Glaucum (Tulip Poppy). Dazzling scarlet, single. Oz. 50c. .10

American Legion. Single, brilliant orange-scarlet, yellow anthers. 1/2 oz. 35c. .10

Shirley, Single Mixed. Very dainty colored, with rich satin appearance.

Graceful in habit, with bright green, fern-like foliage. Flowers, white,

yellow and orange, borne on slender wire-like stems, 12 inches high. 1/2 oz. 30c. .10

Oriente. Enormous deep scarlet flowers. Perfectly hardy. 1/8 oz. 35c. .10

Oriente Hybrids, Mixed. Hardy perennial. Finest shades. 1/8 oz. 35c. .10

Iceland, Mixed. Hardy perennial, blooming first season from seed. 1/4 oz. 35c. .10

PRIMULA Sinensis (Chinese Primrose). Excellent pot plants for Winter decorations.

Choice Fringed, Mixed. .25

PRIMULA Obconica. A profuse-blooming Primrose with pale lilac flowers. .15

Malacoides. Flowers delicate lavender, borne in whorls on tall, delicate stems. Desirable for pot. .15

PYRETHRUM

Pkt.

Aureum (Golden-feather). Golden-leaved plant for edging. 1/4 oz. 20c. \$0.10

Hybridum grandiflorum. Flowers large, Aster-shaped, colors pink to

deep red with bright yellow centers. Bloom in May and June, very

graceful long lasting cut flowers. Hardy Perennial 2 ft.

Giant-flowered Single Mixed. 1/8 oz. 50c. .15

Choice Double Mixed. 1-16 oz. 75c. .25

RICINUS (Castor-bean)

Highly ornamental plants; excellent for large groups. Pkt.

Bourboniensis. Dark green. 15 ft. Oz. 25c. \$0.15

Cambogensis. Dark foliage and stem. 5 ft. Oz. 25c. .10

Gibsoni. Dark purple stems and foliage. Oz. 25c. .10

Sanguineus. Blood-red foliage. 6 ft. Oz. 25c. .10

Zanzibarensis, Mixed. Very large growing sort, extremely attractive. Oz. 25c. .10

ROCKET, SWEET. Hardy perennial. 2 ft. high, white and purple. Mixed. 1/4 oz. 25c. .10

RHODANTHE. A charming annual everlasting. Valuable dried for Winter

bouquets. Mixed. 1/4 oz. 25c. .10

SALVIA (Scarlet Sage)

One of the most popular and useful bedding plants; nothing more attractive in the Fall than these bright scarlet flowers. Seed should be started in house or hotbed from February to April or may be sown in open ground in May. Easily grown, free-flowering and extremely showy. Pkt.

Splendens. Vivid scarlet; 2 ft. 1/8 oz. 35c. \$0.10

Bonfire. Early-flowering scarlet; 1 1/2 ft. 1/8 oz. 50c. .15

America, or Globe of Fire. Dwarf, bushy, compact growth, uniform in

height and shape. Spikes large, brilliant scarlet and very early. 1/8 oz.

75c. .20

Patens. Rich deep blue. .15

SALPIGLOSSIS

One of the most attractive annuals. Blooms tube-shaped, much like the Petunia, but more beautiful in color display: 2 1/2 feet. Pkt.

Emperor, Finest Mixed. 1/8 oz. 25c. \$0.10

SAPONARIA Vaccaria. Free blooming annual with feathery pink flowers.

Sowings should be made at intervals to keep up succession of bloom; 3 ft.

1/4 oz. 25c. .10

SCABIOSA (Mourning Bride)

Seed may be sown where they are to grow soon as ground can be worked in Spring or for earlier blooming sow early and transplant 12 to 18 inches apart. Height 2 1/2 ft., stems long and graceful and keeps well when cut. Pkt.

Ageratum[Blue. 1/4 oz. 25c. \$0.10

Rose. 1/4 oz. 25c. .10

Peach Blossom. Soft peach blossom pink. 1/8 oz. 25c. .15

Shasta. Large, pure white. 1/8 oz. 25c. .15

Hardy Perennial Scabiosa Caucasica. One of the best hardy perennials,

color soft lavender-blue, desirable for cutting. Lasting a long time in

water. 1/8 oz. 50c. .15



Sweet-william

	Pkt.
Pure White.....	\$0.20
Rose.....	.20
Dark Blue.....	.20
Blush (Apple Blossom) ..	.20

LARGE-FLOWERING, DWARF GERMAN

Produces pyramidal spikes with a good percentage of double.

	Pkt.		Pkt.
Pure White.....	\$0.15	Brilliant Rose.....	\$0.15
Canary-yellow.....	.15	Lavender.....	.15
Blood-red.....	.15	Dark Purple.....	.15
Finest Mixed. An excellent mixture made from named varieties, specially selected for their brilliancy. $\frac{1}{8}$ oz. 75c..	.10		

EARLY, LARGE-FLOWERING NICE

One of the most desirable types. Flower trusses long and very double.

Beauty of Nice. Flesh-pink.....	\$0.15
Victoria. Pure white.....	.15
Queen Alexandra. Rosy-lilac.....	.15

GIANT PERFECTION (Cut-and-come-again)

	Pkt.
Rose.....	\$0.15
Empress Augusta Victoria. Silvery-lilac.....	.15
Princess Alice. White.....	.15

SWEET-WILLIAM

Popular, old-fashioned, hardy perennials for beds or borders Easily grown from seed, forming fine clumps which produce brilliant colored flowers the second season. Seed should be sown early in Spring in finely pulverized soil; cover $\frac{1}{4}$ inch of fine soil and firm down well. Thin to 6 inches apart. It is advisable to sow every year as young plants will flower more satisfactory.

	Pkt.		Pkt.
Pink Beauty. $\frac{1}{8}$ oz. 35c.....	\$0.10	Scarlet Beauty. $\frac{1}{8}$ oz. 35c.....	\$0.10
Pure White. $\frac{1}{8}$ oz. 25c.....	.10	Single, Mixed. $\frac{1}{8}$ oz. 25c.....	.10
Dark Crimson. $\frac{1}{8}$ oz. 25c.....	.10	Double, Mixed. $\frac{1}{4}$ oz. 25c.....	.10
Holborn Glory. A wide range of colors with clear white eyes. $\frac{1}{8}$ oz. 25c.....	.10		

STATICE (Thrift)

Free-flowering, valuable cut flower either fresh or dried.

	Pkt.
Sinuata Rosea Superba. $\frac{1}{4}$ oz. 25c.....	\$0.10
Sinuata, True Blue. Extra deep. $\frac{1}{4}$ oz. 25c.....	.10

STOKESIA (Cornflower Aster). Hardy perennial about 2 feet high with handsome, lavender-blue, Cornflower-like blooms from July till frost. Makes a fine specimen in the border and valuable as a cut bloom..... .10

THUNBERGIA (Black-eyed-susan). Rapid growing annual climbers adapted to hot, sunny situation in hanging baskets, vases, etc. Flowers buff, white, orange with black eye. $\frac{1}{4}$ oz. 25c..... .10

TORENIA Fournieri. A very fine annual for vases, hanging baskets, borders, etc. covered with a mass of sky-blue flowers spotted dark blue and yellow center.. .15

TRITOMA (Red Hot Poker). Early flowering hybrids. Mixed..... .15

TROPAEOLUM Lobbianum. Climber. Dark foliage, bright colored flowers.... .10

Canariensis (Canary-bird-flower). A rapid growing, half-hardy climber. Foliage profuse green, and the curiously-formed yellow flowers producing a charming contrast. Desirable for shady locations. $\frac{1}{2}$ oz. 25c..... .10

MAMMOTH VERBENAS

Popular, free-blooming plants, excellent for garden culture. The trusses and individual flowers are of large size, brilliant coloring, vigorous habit and free blooming. For best results, sow indoors early and transplant to open ground end of May. Seed sown in open ground in May make bloom from August until hard freezing weather.

	Pkt.		Pkt.
White. $\frac{1}{8}$ oz. 50c.....	\$0.10	Blue Shades. $\frac{1}{8}$ oz. 50c.....	\$0.10
Scarlet. $\frac{1}{8}$ oz. 50c.....	.10	Mixed. All colors. $\frac{1}{8}$ oz. 35c.....	.10
Pink Shades. $\frac{1}{8}$ oz. 50c.....	.10	Lemon-scented. Scented leaves....	.10

SCHIZANTHUS (Butterfly flower)

One of our best hardy annuals; of easy culture in any good garden soil, bearing a profusion of butterfly-like flowers of various colors; resembling some species of Orchids. Are also adapted for late Winter and should be planted in Fall for this purpose. Pkt.

Grandiflora Hybrida, Mixed. Compact plants with many-colored blooms. $\frac{1}{8}$ oz. 25c..... \$0.10

Wisetonensis. A showy variety used largely for pot plants. $\frac{1}{8}$ oz. 35c..... .15

SMILAX. Beautiful climber..... .10

SOLANUM (Cleveland-cherry). More compact than the ordinary Jerusalem-cherry, and produces the scarlet fruits in greater profusion..... .10

STOCKS

Often called Gilliflower; unexcelled for beauty and fragrance. Give good, rich soil, and they will produce full spikes of double blooms; very valuable for cutting. Seed may be sown outdoors early in Spring; using well fertilized, well pulverized soil, covering seed one-fourth inch and press down firmly. Make rows 18 inches apart and thin to 6 inches. For earlier blooming sow indoors in March or April and transplant to open ground last of May.

EXTRA EARLY FLORISTS MARKET

Branching habit, 2 to 2 $\frac{1}{2}$ feet high, very early blooming, and produces a high percentage of double blooms. Considered the most desirable variety for greenhouse or conservatory and unexcelled for bedding.



Stocks



Verbena

INOCULATE THIS
SEED WITH
MULFORD CULTURE

Sweet Peas

The proper time to spade the garden for Sweet Peas is in the Fall, as the longer the soil remains in the rough state the better. Give a liberal dressing of well-rotted stable manure, ground bone and a dusting of lime. Spade to a depth of 6 or 8 inches and allow soil to remain in the rough without chopping down. When sowing seed, see that the soil is firmly trodden down, as Sweet Peas require not only a deep soil but a firm one. Seed should always be sown early in Spring 1 inch deep, and when plants are well up thin to 2 to 4 inches apart. Pinch out tops to start branching. Support should be given early before plants get twisted. When hot, dry weather begins, see that the plants are well mulched and well watered. Look out for green aphids and keep clean by spraying with solution of tobacco extract. Care must be taken to keep flowers picked, as the forming of seed pods will stop blooming.

GIANT SPENCER—Waved Varieties

Spencer Sweet Peas are the largest and most beautiful of all known Sweet Peas, the individual flowers measuring frequently 2 to 2½ inches across; they are also remarkable for their profuseness and continuous bloom. On strong stems 9 to 12 inches long, the beautiful flowers are borne three to four on a stem. The standards are open, well rounded and exquisitely waved and often serrated.

Pkt. 10c., oz. 25c., ¼ lb. 75c.

Asta Ohn. Pinkish-lavender, large and wavy.

Blanche Ferry Spencer. Bright rose standard, wings white, flushed pink.

Blue Picotee. Pure with narrow edging of blue on standards and wings.

Constance Hinton. Black seeded white Spencer, splendid form and substance.

Countess of Spencer. Pure pink, very large, open form.

Elfrida Pearson. Large shell-pink.

Flora Norton. Bright blue.

George Herbert. Bright rose-carmine.

Hercules. Mammoth rosy-pink.

King White. Produces gigantic flowers, pure white.

King Edward Spencer. Pure red. A very popular variety.

Lavender George Herbert. Bluish-lavender.

Primrose Spencer. Pure primrose. The best yellow variety.

Royal Purple. The best purple.

Warrior. Deep maroon.

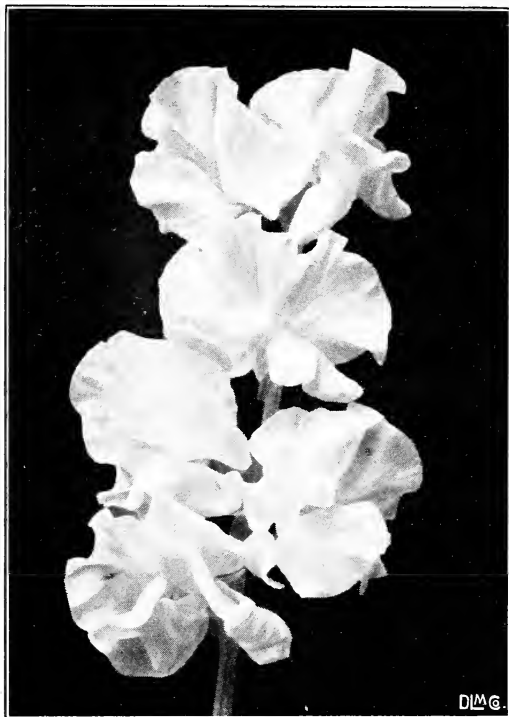
Wedgwood. Blue.

White Spencer. Pure white, select strain.

GIANT SPENCER MIXTURE

Well selected mixture containing only true Spencer types. We can recommend this as a superior mixture.

Pkt. 10c., oz. 25c., ¼ lb. 60c., lb. \$2.00



Sweet Pea

EARLY FLOWERING GIANT SPENCER

Greenhouse Varieties

Pkt. 10c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.00

The following are specially adapted to growing under glass but may also be grown in the open and bloom several weeks in advance of the regular Spencer sorts, and if not allowed to seed will continue equally as long.

All White. One of the best pure white varieties.

Mrs. Chas. Zvolanek. Lavender.

Mrs. Kerr. Considered one of the best salmon sorts.

Zvolanek's Rose. Giant rose-pink.

VERONICA (Speedwell). A hardy border plant, growing about 1½ ft. high, producing long spikes of bright blue flowers in June and July.

Spicata. Bright blue. 18 in. ½ oz. 35c.10

Longifolia. Rich blue. 2 ft. ½ oz. 40c.10

VINCA. Fine for pots or borders. Pkt.

alba, pure white; rosea, rose; Mixed.

Each \$0.10

VIOLA odorata (Sweet Violet). Fragrant bedding plant.10

VIRGINIAN STOCKS. Hardy annuals for beds and borders. ¼ oz. 15c.10

WALLFLOWER

Well known, fragrant, half-hardy perennial blooming early in the Spring. Plants should be protected in cold-frame during Winter and planted out in April. Pkt.

Earliest Paris. Flowers first season.

¼ oz. 25c. \$0.10

Single Mixed. ¼ oz. 25c.15

Double Mixed.10

WILD FLOWER GARDEN MIXTURE

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, alongside of fences, and on untidy bare spots which, if properly cared for and kept free from weeds, can bloom during the Summer.

Pkt. 10c., oz. 25c., ¼ lb. 75c.



Wild Garden



ZINNIA

Robust-growing annuals, very free-flowering. No flowers are more easily grown from seed in the open ground and few bloom so continuously throughout the entire Summer. Those acquainted only with the old-time Zinnias will be surprised at the perfection to which the newer strains have attained.

Double Giant Dahlia-flowered. These flowers have a very marked distinction from the ordinary giant class, being true Dahlia-flowered type, and when picked and placed with Dahlias, it is difficult to tell one from the other. Very free blooming.

Finest Mixed. $\frac{1}{4}$ oz. 50c. \$0.15

Crimson Monarch. The largest and best of the red shades. $\frac{1}{8}$ oz. 50c.20

Dream. Fine deep lavender, turning to purple. $\frac{1}{8}$ oz. 50c.20

Exquisite. Light rose, deep rose center. $\frac{1}{8}$ oz. 50c.20

Golden State. Pure golden yellow. $\frac{1}{8}$ oz. 50c.20

Illumination. A striking deep rose (Tyrian Rose) $\frac{1}{8}$ oz. 50c.20

Old Rose. Real old rose shade. $\frac{1}{8}$ oz. 50c.20

Oriole. Immense orange and gold bicolor. $\frac{1}{8}$ oz. 50c.20

Polar Bear. Very large, the best white sort. $\frac{1}{8}$ oz. 50c.20

Purple Prince. Deep purple. $\frac{1}{8}$ oz. 50c.20

Scarlet Queen. True Scarlet. $\frac{1}{8}$ oz. 50c.20

1 pkge. each, 9 Giant Dahlia-flowered Zinnias, as above, \$1.25

Curled and Crested. Petals beautifully curled and twisted. $\frac{1}{4}$ oz. 35c.10

Zebra. Striped sorts. $\frac{1}{4}$ oz. 35c.10

Dwarf Double, Mixed. Height $1\frac{1}{2}$ ft. $\frac{1}{4}$ oz. 25c.10

Lilliput Double Mixed. Small-flowering and very double. 1 ft. $\frac{1}{4}$ oz. 35c.10

Pino's Giant Double. In size of bloom and brilliancy of coloring, after the new Dahlia-flowered, this is undoubtedly the finest strain of Zinnia in cultivation. Very robust in growth. Pkt. \$0.10

Burnt Orange. $\frac{1}{4}$ oz. 35c.10

Buttercup. $\frac{1}{4}$ oz. 35c.10

Cream. $\frac{1}{4}$ oz. 35c.10

Golden Yellow. $\frac{1}{4}$ oz. 35c.10

Rose King. $\frac{1}{4}$ oz. 35c.10

Rose Queen. $\frac{1}{4}$ oz. 35c.10

Scarlet. $\frac{1}{4}$ oz. 35c.10

Salmon. $\frac{1}{4}$ oz. 35c.10

Shrimp Pink. $\frac{1}{4}$ oz. 35c.10

Violet. $\frac{1}{4}$ oz. 35c.10

White. $\frac{1}{4}$ oz. 35c.10

Mixed. All colors. $\frac{1}{4}$ oz. 25c., oz. 75c.10

1 pkge. each, 11 Pino's Giant Double Zinnias as above, 90c.

ORNAMENTAL GRASSES

Avena Sterilis (Animated Oats). Hardy annual. . \$0.10

Briza Maxima (Quaking Grass). Hardy annual, pretty for bouquets.10

Bromus Brizaeformis. Hardy perennial, fine for Winter bouquets.10

Coix Lachryma (Jobs-tears). Hardy annual.10

Eragrostis Elegans (Love Grass). Hardy annual; very attractive; excellent for bouquets.10

Erianthus Ravennae (Plumegrass). Tender perennial, stately growth.10

Gynierium Argenteum (Pampasgrass). Tender perennial, bearing beautiful plumes.10

Lagurus Ovatus (Haretail Grass). Hardy annual.10

Zea Japonica. Hardy annual, beautifully striped.10

ANNUAL SEEDLING PLANTS

We plan yearly to produce a great quantity of seedlings comprising the following, well-grown healthy plants at prices ranging from 50c. to \$1.50 per doz., \$3.00 up per 100:

Aster, Samples Branching, mixed

Ageratum, Blue Perfection.

Antirrhinum (Snapdragon).

Bachelor Buttons

Blue Lace Flower

Calendula (Pot Marigold), Orange Giant.

Calendula, mixed colors.

Calliopsis, mixed colors.

Carnation, Marguerite, Mixed.

Castor Oil Plant

Celosia, tall plume variety mixed.

Celosia (Cockscomb), dwarf comb variety, mixed.

Chrysanthemum, Carinatum double mixed.

Cleome gigantea (Spiderplant).

Cosmos, early-flowering.

Dianthus chinensis (China Pink).

Gaillardia lorenziana, mixed.

Helichrysum (Strawflower).

Larkspur, tall, stock-flowered, blue or mixed.

Lobelia, dwarf and trailing.

Lupinus, annual sots.

Marigold, tall African mixed.

Marigold, dwarf French mixed.

Petunia, Rosy Morn.

Petunia, Violacea.

Petunia, California Ruffled Giant.

Phlox drummondii, mixed.

Salvia Bonfire.

Salpiglossis, Emperor, mixed.

Scabiosa, tall large-flowering.

Schizanthus

Stock, dwarf German, 10 Weeks.

Verbena.

Zinnia. Giants, Dahlia Flowered

THE BEST VEGETABLE SEEDS

All vegetable seeds except those otherwise mentioned, are put up in 10-cent packages. We send free by mail all vegetable seeds in packages, ounces and one-fourth pounds; larger quantities, add postage according to Parcel Post zone rates.



Asparagus, Palmetto

Artichokes

Sow seeds in hotbed early in Spring in rows 6 inches apart, transplant into boxes or pots. Plant in open ground after danger of frost is past, 2 by 3 feet between plants. Rich, sandy loam is best adapted. Sow seed in open ground in May and protect until cold weather is past and will head the second year.

Large Globe, or Paris. Pkt. 15c., oz. 75c.

Asparagus One ounce to 40 feet of drill

Sow the seed in Spring in drills 15 inches apart, the following Spring transplant to permanent beds. Plant for private use in rows 6 inches apart and allow 12 inches in the rows, covering the roots 6 inches. For market on a large scale, set 4 by 2 feet.

Palmetto. Oz. 10c., $\frac{1}{4}$ lb. 30c., lb. \$1.00

Mary Washington. A rust-resisting variety; Oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$2.00.

Asparagus Roots

Mary Washington. The earliest and produces more and larger stalks than other strains; the highest rust resisting variety. So much better you can see the difference. Extra two year old roots \$2.25 per 100; \$20.00 per 1000. **Asparagus Knives.** 50c each.

Beans—Dwarf or Bush

One pound to 50 feet of drill

For succession Bush Beans should be planted at intervals of two weeks from May until August. Make drills 2 feet apart and 2 inches deep.

Stringless Green Pod. Extra early, stringless, round pod.

Very prolific and excellent quality. Pkt. 20c., lb. 40c., 2 lbs. 75c. 10 lbs. \$3.50.

Black Valentine. round, straight, good quality. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.

Early Bountiful. Practically a stringless Yellow Six Weeks. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.

Dwarf Horticultural. An excellent shell bean. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.

Low's Champion. Recommendable as a string or shell bean. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.

Improved Golden Wax. A favorite among yellow-podded varieties; pods flat. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.

Round Pod Kidney Wax. Of the finest quality; entirely stringless. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.75.

Pencil Pod Black Wax. Pods round, bright yellow and entirely stringless. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.

Burpee's Stringless Kidney Wax. Pods long, entirely stringless; prolific. Excellent. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.

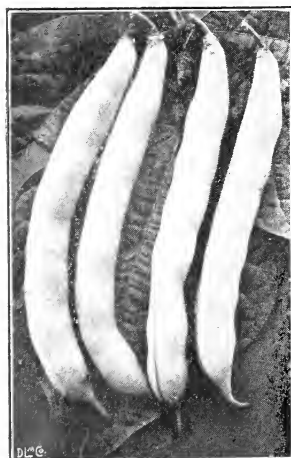
Wardwell Kidney Wax. Popular variety. Wide, flat pods, white seed. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.

Davis' Kidney Wax. Extremely hardy, large flat pods, white seed. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.75.

Fordhook Bush Lima. Very productive and of excellent quality. Pkt. 20c., lb. 50c., 2 lbs. 90c., 10 lbs. \$4.00.

Henderson's Bush Lima. Early, small bean. Pkt. 20c., lb. 35c., 2 lbs. 60c.

English Broad Windsor. The standard English bean. Pkt. 20c., lb. 35c., 2 lbs. 60c.



Beans, Stringless Green Podded

INOCULATE THIS
SEED WITH
MULFORD CULTURE

Field Beans

Pea, or Navy, Red Kidney, Yellow Eye.
Pkt. 15c., lb. 30c., 2 lbs. 50c.

Pole, or Running Beans

One pound to 75 hills

The planting of Pole Beans should be delayed a week or more after the planting of the early dwarf sorts. Make hills about 3 feet apart and 1 to 2 inches deep and plant five to six seeds in each hill; thin to three plants in each hill when well established. Limas should not be planted until weather becomes warm and settled. Flat beans should be placed in the soil edgewise, eye down.

Mammoth Horticultural Pole. A very prolific shell bean. Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.00.

Kentucky Wonder. An excellent variety, entirely stringless, round pod. Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$3.00.

Kentucky Wonder Wax. Pods very long, fleshy, stringless, light yellow. Pkt. 20c., lb. 40c., 2 lbs. 75c.

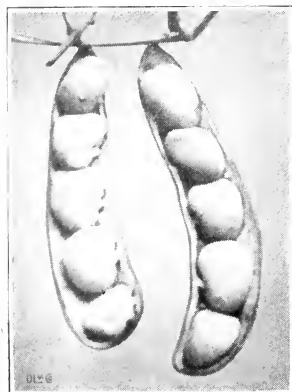
Scarlet Runner. Highly ornamental; also used as a table bean. Pkt. 20c., lb. 40c., 2 lbs. 75c.

White Runner. Like the above with white bloom, very desirable to mix with the red. Pkt. 20c., lb. 40c.

Large White Lima (Extra Size). The standard Pole Lima. Quality excellent. Pkt. 20c., lb. 40c., 2 lbs. 75c.

Sieva, or Small Lima. An excellent bean, earlier and more hardy than large Limas. Pkt. 20c., lb. 35c., 2 lbs. 60c.

Yard Long. A very curious sort, producing pods 2 feet or more in length, the thickness of a lead pencil. Small pkt. 10c.



Beans, Fordhook Bush Lima

Beets

One ounce to 50 feet of drill; 5 to 6 pounds per acre

Sow early as ground can be worked in the Spring and for succession follow every two weeks until July. For main crop sow last of May. Light, sandy loam well enriched with stable manure is best adapted and should be plowed and harrowed until very fine. Make drills 1 foot apart and when well up thin to 4 or 5 inches in the row.

Extra Early Egyptian. A very early flat blood-red sort. Popular for first planting and forcing. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

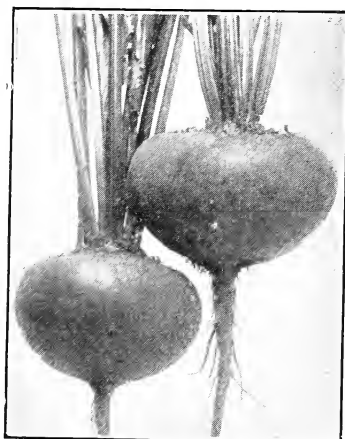
Crosby's Egyptian. An improved strain of Egyptian Beet. Rich dark red, crisp and tender. An excellent early sort. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Eclipse. Globe-shaped, extremely early and excellent quality **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

Detroit Dark Red. Very tender and sweet; skin dark blood-red; flesh bright red; fine round shape. Excellent for main crop. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Edmand's Blood Turnip. Highly recommendable for main crop; uniform in size, very dark flesh, excellent quality. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

Dewing's Blood Turnip. A standard main crop variety of excellent shape and color. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

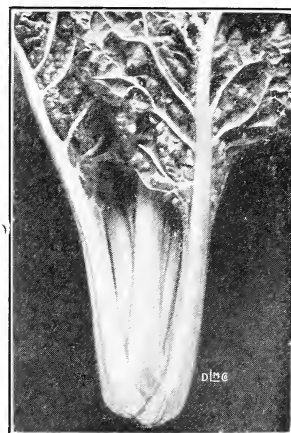


Beet's Crosby's

Swiss Chard, or Spinach Beets

Giant Lucullus. Extra large, crumpled or Savoy-leaved. Leaves used as greens, cooked in same manner as Spinach and the large ribs are prepared like Asparagus. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Large White. Similar to above, plain-leaved. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**



Swiss Chard

Sugar Beets and Mangel-Wurzels

Sow in May or June; 5 to 8 pounds per acre.

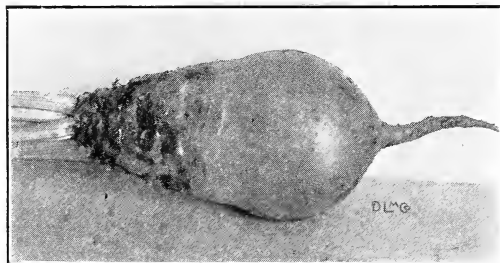
Used for stock and chicken feed. Sow in rows 3 ft. apart in May or June, thin out to 6 in. apart and keep well cultivated.

Norbiton's Giant. A long red variety, adapted to deep soil. **Oz. 10c., ¼ lb. 25c., lb. 75c.**

Golden Tankard. A yellow variety, formed mostly above ground; easily pulled. **Oz. 10c., ¼ lb. 25c., lb. 75c.**

Half Sugar Mangel. Flesh, pure white, firm and very sweet. **Oz. 10c., ¼ lb. 25c., lb. 75c.**

Vilmorin's White Sugar. The best Sugar Beet for stock feeding. **Oz. 10c., ¼ lb. 25c., lb. 75c.**



Mangel-Wurzel

Broccoli

One ounce will produce about 3000 plants

Closely resembles Cauliflower but is more hardy and sure heading. Sow seed in May and plant out in June in rows 2 feet apart each way.

White Cape. Heads creamy-white and of large size. **Pkt. 10c., oz. 75c.**

Early Green Calabrese. This variety is much sought by the Italian trade. Forms a fair size green head; after this is cut from the main stalk new sprouts develop, forming new heads of a loose nature. **Pkt. 20c., ½ oz. 60c., oz. \$1.00.**

Brussels Sprouts

One ounce will produce about 3000 plants

The seed should be sown about the middle of May in a seed bed and plants afterward set in rows 2 feet or more apart and cultivated like Cabbage. This vegetable does not require extremely high cultivation. It is ready for use late in Autumn after early frosts.

Dwarf Improved. Compact in growth and of excellent quality. **Pkt. 10c., oz. 35c., ¼ lb. \$1.00.**

Borecole, or Kale

One ounce will produce about 3000 plants

Sow in beds early in Spring and transplant in June treating in same manner as Cabbage.

Dwarf Green Curled Scotch. Very dwarf and spreading, the best variety. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**



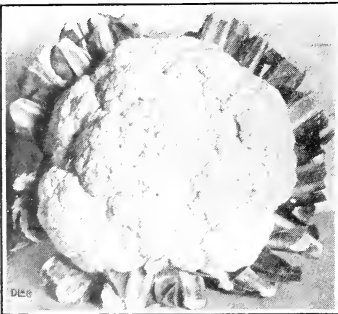
Brussels Sprouts



Carrots, Danvers Half-Long



Cabbage, Savoy



Cauliflower, Snowball



Celery, Golden

Carrots

One ounce to 100 feet of drill,
four pounds per acre

For early crop sow as soon as the ground can be worked; they may be sown as late as the middle of June. The drills should be 1 inch deep and 1 foot apart, thinning out to 3 or 4 inches between the plants. Carrots do best in a deeply tilled sandy loam.

Early Scarlet Horn. A favorite sort; for early Summer use. **Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**

Early French Forcing. The earliest variety grown; small, tender. Fine quality. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Danvers Half-Long. The best sort for general use. Rich, deep orange color; excellent quality; roots taper to a point. A very heavy cropper. (Select stock). **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Improved Long Orange. Large variety; used for main crop. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

Guerande, or Ox Heart. Stump-rooted; one of the most valuable varieties either for family use or market; fine flavor and color; very productive. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

St. Valery. An excellent variety for private gardens. Grows from 10 to 12 inches long. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Chantenay. A stump-rooted variety having a large shoulder; very productive. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Cabbage

One ounce will produce about
1500 plants

For early use sow the seed in hotbeds in February or March, or may be sown about the middle of September, and the plants wintered over in coldframes. Transplant in Spring as soon as ground can be worked, in rows 2 feet apart, the plants 18 inches apart in the rows. For late or Winter use, sow seed in May; set out the plants in July; 2½ by 3 feet.

Our Cabbage seeds are all the best American grown

Early Winnigstadt. Pointed head, very hardy and sure to head. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Early Jersey Wakefield. The best early sort. Medium size, pyramidal shape with rounded peak. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Charleston, or Large Wakefield. Much larger than the above, but not as early. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Copenhagen Market. A round headed sort, early as Wakefield. A standard variety. **Pkt. 10c., oz. 35c., ¼ lb. \$1.25.**

All Seasons. Superior for second early and late. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Hollander, or Danish Ball Head. Excellent Winter sort, heads very solid. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Warren Stone Mason. An improved Stone Mason, earlier, deeper and more solid. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Premium Flat Dutch. Main crop variety. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

American Drumhead Savoy Improved. The finest Savoy variety, finely curled, large and solid. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

Mammoth Rock Red. Large size, very solid. **Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

Pe-Tsai, Chinese or Celery Cabbage. Sown in open ground in July, produces heads resembling Cos Lettuce. Used as a salad or cooked like ordinary Cabbage but must be cooked quickly. **Pkt. 10c., oz. 40c.**

Cauliflower

Cultivate as directed for Cabbage. In dry weather water liberally. Cauliflower likes a cool, moist situation.

Early Snowball. A very popular early variety; for family use or market gardeners. Dwarf in habit with short, outer leaves, allowing close planting. Heads white and of finest quality. **Pkt. 25c. and 50c., ¼ oz. \$1.00, ½ oz. \$1.75, oz. \$3.00.**

Danish Dry Weather. Heads somewhat larger than Early Snowball with more foliage. Adapted to dry locations where other varieties fail. **Pkt. 25c., oz. \$3.50.**

Early Paris. Medium size and sure heading variety. Heads are large, compact, solid and white. **Pkt. 15c., oz. \$1.00.**

Veitch's Autumn Giant. A popular, large, late variety. **Pkt. 15c., oz. \$1.00.**

Celery

One ounce will produce about
1500 plants

Seed may be sown in the open ground in April. Sow about ½ inch deep and firmly press the soil over the seed. After the seed is up, keep carefully clear of weeds until the time of planting, in June or July. After the ground has been well prepared, plant in rows from 3 to 4 feet apart, according to variety, setting the plants about 6 inches apart and pressing the soil firmly about the roots. The soil best suited for Celery is a rich, moist loam.

White Plume. Excellent for early use; naturally white, requires little blanching. **Pkt. 10c., oz. 35c., ¼ lb. \$1.25.**

Golden Self-Blanching. True French grown stock. Similar to the above except that the stalks are a beautiful golden yellow, and much better quality. Easily blanched by placing boards along each side of rows or may be banked with earth. **Pkt. 10c., oz. 75c., ¼ lb. \$2.50.**

Easy Blanching. An excellent first early variety; early as White Plume or Golden Self-blanching; large size, crisp and fine flavor. **Pkt. 10c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.25.**

Boston Market. A dwarf branching variety. **Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

Giant Pascal. An excellent late sort, easily blanched and a good keeper. **Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

Celeriac, or Turnip-rooted. Grown exclusively for the roots. **Pkt. 10c., oz. 40c., ¼ lb. \$1.50.**

Chicory

Large-rooted. The young leaves may be used as a Spring salad. Dried and prepared roots are used as a substitute for coffee. Sow early in Spring in drills 2 feet apart, thinning to 6 in. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Witloof (French Endive). The leaves and leaf stems are blanched and used as a salad. Sow seed in open ground in May in rows 18 in. apart. Thin plants to 6 in. in row. In Fall roots should be lifted and leaves trimmed 1½ in. from crown, remove side shoots and trim roots to about 9 in. Roots are then placed upright in trench 18 in. deep and 2 in. apart, fill trench with fine rich soil. A mulch of manure will hasten growth. **Pkt. 10c., ½ oz. 25c., oz. 40c.**

Chervil

Curled Chervil. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May in drills ½ in. deep. 1 ft. apart. **Pkt. 10c., oz. 20c., ¼ lb. 50c.**

Sweet Corn

One pound to 150 hills;
twelve pounds per acre.

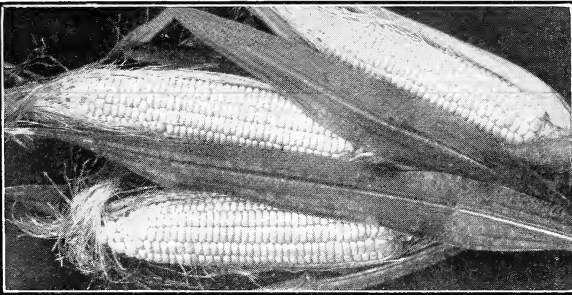
Plant in hills 3 feet apart each way and five to six kernels in a hill. Hoe often and draw soil up to the stem. Make ground rich with well rotted manure. For succession plantings should be made at intervals from May to July.

Alpha. A week earlier than Mammoth White Cory and equal in quality. **Pkt. 20c., lb. 35c., 2 lbs. 65c.**

De Lue's Golden Giant. A yellow corn like Golden Bantam, having ears almost twice as large and several days earlier. **Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$2.75.**

Golden Bantam. Extremely hardy, allowing earlier planting than other varieties. Superior rich flavor. **Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$2.75.**

Whipple's Early. Few days earlier than Golden Bantam, ears 7 to 8 in. long, 12 to 16 rowed; grows quite tall. Excellent quality. **Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.25.**



Corn, Golden Bantam

Field and Fodder Corn

Stickney Eight-rowed Yellow Canada. Very early, ears measuring 8 to 10 in. long. Small cob and large kernel, very prolific. One of the best adapted sorts for this locality. **Lb. 20c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. \$7.00.**

Longfellow Eight-rowed Yellow Canada. Ears average 12 to 15 in. in length. **Lb. 20c., 5 lbs. 60c., 10 lbs. \$1.00, 100 lbs. \$7.00.**

Evergreen Sweet Fodder. For cutting green for stock. **Improved Leaming.** Ears large and handsome, deep grain, small cob. Market price.

Pop Corn, Rice. Choice Eastern grown. **Lb. 20c.**

Pop Corn, Black Beauty. The earliest maturing variety and ready for popping earlier than any other sort. Pops very large and exceptionally white and tender. **Lb. 25c., 2 lbs. 45c.**

Cucumbers

One ounce to 50 hills; 2 pounds per acre

Cucumbers succeed best in warm, rich, sandy loam. Plant when all danger of frost is past, in hills about 4 feet apart each way; the hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well-rotted manure; sow for pickling from the middle of June to the middle of July.

Improved White Spine. Thick, straight, smooth, shiny dark green; a general favorite for market or home. **Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**

Early Russian. The earliest in cultivation; small and productive. **Pkt. 10c., oz. 15c., ¼ lb. 50c.**

Early Cluster. Length about 5 in.; tender and productive. **Pkt. 10c., oz. 15c., ¼ lb. 50c.**

Boston Pickling. True stock; the best variety for pickling. **Pkt. 10c., oz. 15c., ¼ lb. 50c., lb. \$1.75.**

Green Prolific. Excellent for Summer use and for pickling. **Pkt. 10c., oz. 15c., ¼ lb. 50c.**

Everbearing. Small-sized, early and enormously productive. **Pkt. 10c., oz. 15c., ¼ lb. 50c.**



Witloof Chicory

Charlevoix. In season a few days later than Golden Bantam but remains in condition much longer. Ears about 7 in. long, light creamy yellow color and unsurpassed quality. **Pkt. 15c., lb. 40c., 2 lbs. 75c., 10 lbs. \$2.75.**

Potter's Excelsior, or Squantum. Very sweet and tender; one of the finest for main crop. **Pkt. 15c., lb. 30c., 2 lbs. 50c., 10 lbs. \$2.25.**

Crosby's Early. Matures after Cory; excellent quality. **Pkt. 15c., lb. 30c., 2 lbs. 50c., 10 lbs. \$2.25.**

Stowell's Evergreen. One of the most popular varieties for main crop. **Pkt. 15c., lb. 30c., 2 lbs. 50c., 10 lbs. \$2.25.**

Black Mexican. Very sweet and superior quality. **Pkt. 15c., lb. 35c., 2 lbs. 65c.**

Country Gentleman. The sweetest and most tender of all varieties. **Pkt. 15c., lb. 35c., 2 lbs. 65c.**

Corn Salad, or Feticus

Used as a salad. Is sown in early Spring in rows a foot apart and is fit for use in six or eight weeks from sowing. **Large-leaved. Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Cress, or Peppergrass

A well-known pungent salad; cover very slightly; sow at frequent intervals to keep up a succession; to be used before the flowers appear.

Extra Curled. Very fine; may be cut two or three times. **Pkt. 10c., oz. 20c., ¼ lb. 40c.**

Upland. Hardy perennial; adapted to any soil, wet or dry. A very rapid grower and ready for use very early in the Spring. **Pkt. 10c., oz. 20c., ¼ lb. 60c.**

Water Cress. Hardy perennial aquatic plant. **Pkt. 10c., oz. 40c.**



Cucumber Improved White Spine

Davis' Perfect. Long, slender, rich dark green. Superb quality. **Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**

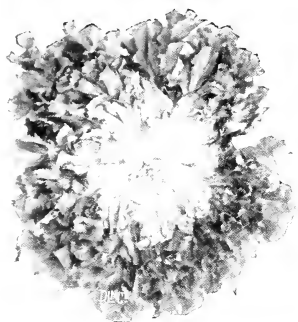
Improved Long Green. 10 to 12 in. in length; dark green. **Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**

Japanese Climber. Can be grown either as an ordinary ridge cucumber or as a climber. **Pkt. 10c., oz. 20c., ¼ lb. 75c.**

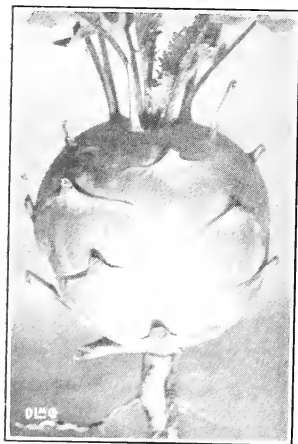
English Frame Telegraph. For hotbeds. **Pkt. 25c.**



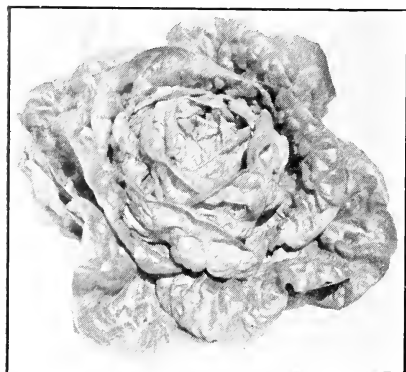
Eggplant, Black Beauty



Endive, Broad-leaved



Kohlrabi, White Vienna



Lettuce, Wayahead

Dandelion

One ounce will sow 100 feet of drill; 2 pounds to one acre

Sow in May or June in drills a foot apart, press the earth firmly over the seed, cultivate during Summer, cover lightly with straw during Winter and the following Spring the leaves will be fit to cut. The roots when dried and roasted are often employed as a substitute for coffee.

Improved Broad-leaved. Pkt. 10c. and 25c., oz. \$1.00., $\frac{1}{4}$ lb. \$3.00.

Eggplant

One ounce will produce about 1000 plants

The seed should be sown in hotbeds the first week in April. Plant out about June 1st, about $2\frac{1}{2}$ feet apart. The Eggplant will thrive well in any good garden soil.

Black Beauty. Fully ten days earlier than Imp. New York, remarkably healthy growth and large fruit. Pkt. 10c. and 25c., oz. 75c.

Improved New York Spineless. Quite free from spines, fruit of large size and perfect form; two weeks earlier than the old variety. Pkt. 10c. and 25c., oz. 75c.

Endive

One ounce will sow 150 feet of drill

For an early supply sow about May 1st. Used mainly in Fall, the main sowings are made in June and July in rows $1\frac{1}{2}$ feet apart covering seed firmly with $\frac{1}{2}$ inch of soil, thin to 8 or 12 inches apart. When grown tie to blanch.

Green Curled. Hardy, leaves dark green, tender. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Batavian Broad-leaved. Leaves long and broad, chiefly used in soups. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., lb. \$2.50.

Kohlrabi

The seeds of this plant may be sown at the same period as the Swedish or Rutabaga Turnip, and may be cultivated in the same way, remembering to leave the chief part of the stems uncovered by the earth. The bulbs may be kept sound and nutritious until late in the Spring, even later than those of Turnips.

Early White Vienna. An early variety having few leaves. Bulbs smooth, white, medium size. Ready for use in about 10 weeks. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Early Purple Vienna. Later than the White. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Lettuce

One ounce will sow 100 square feet or 120 feet of drill

The earliest sowing may be made in February or March under glass, with slight heat. For later supplies, sow in the open ground, as the season will permit, thin out well and set in rows 2 feet apart and a foot between the plants. Lettuce requires good ground and abundant moisture.

Wayahead. Very early and close heading, large size and superior quality. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.00.

May King. Extremely early, compact, medium sized, of excellent quality. The inner leaves blanch rich golden yellow and very tender. Desirable for early Spring or Fall outdoor planting, also satisfactory for forcing. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.00.

Iceberg. Solid heads and well blanched. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.00.

Black-seeded Tennis Ball. Heads close and hard. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Improved Salamander. Withstands hot weather remarkably well. Plants large, compact. Leaves large, broad, overlapping with heart, well blanched. One of the best for Summer planting. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.00.

Hanson. A thin-leaved, curly, tight heading, frilled edged sort desirable for late Summer planting, remaining in condition a long time. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Big Boston. Fine for coldframes or out-of-doors. Head large and solid. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Curled Silesia. A favorite curly or loose-leaved sort for the home garden. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Grand Rapids. Crumpled leaves, does not make solid head. An excellent forcing sort. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 60c.

New York. Also called Los Angeles and Wonderful. Large, compact head with frilled edge, dark green leaves. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Crisp As Ice. Medium size, solid head; one of the best bronze-leaved sorts. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Self-Folding Cos, or Romaine. Should be sown early and tied up to blanch; long-leaved, crisp and tender. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. 75c.

Leek

One ounce will sow 100 feet of drill

The Leek is very hardy and easily cultivated. Sow in April in drills 1 foot apart, and transplant in July into rows 15 inches apart and 6 inches in the rows. The soil should be rich but not freshly manured. The Leek is a member of the Onion family and the method of cultivation is like the Onion except that it should be grown deeper in the ground.

Large American Flag. The kind mostly grown for market. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Musselburgh. Grows to very large size. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Mustard

One ounce to 80 feet of drill

Sow in shallow drills a foot apart, covering the seeds about a half inch deep. For succession sow every few weeks. The young leaves are used for salad or are cut and boiled like Spinach and the seeds are used for flavoring.

Fordhook Fancy. Leaves dark green, curved outward like a fine ostrich plume. Stands well even in hot weather. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c.

White. Desirable for salads or culinary purposes. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c., lb. 50c.

Mushrooms

American Spore Culture Spawn. Produced from original spore cultures under the new French process which permits the indefinite production of selected varieties without dilution of the strain, and free of any trace of the parasitic disease of the Mushroom. Positively the most vigorous and prolific spawn on the market. Each brick weighs about 1 lb. and will spawn about 8 sq. ft. of beds. We keep on hand the cream white variety, which is generally preferred in the market. 1 brick 30c., 10 bricks \$2.50.

Muskmelon

One ounce to 80 hills; 2 to 3 pounds per acre

Prepare hills 4 to 5 feet apart each way; mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. When the weather has become warm, plant from 12 to 15 seeds in each hill; afterward thin out, leaving four good plants.

Emerald Gem. Early. Small, flesh deep orange, very sweet, the best and most popular sort for this section. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Extra Early Hackensack. Earlier than Hackensack and not quite as large. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

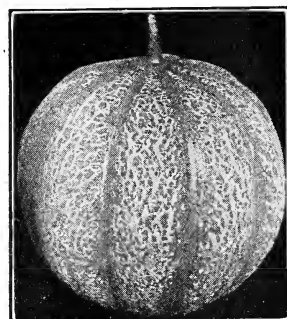
Tip Top. Medium size, round, yellow flesh. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Golden Netted Gem. One of the earliest, best and most prolific small Melons. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Miller's Cream. Skin very thin, dark green; flesh salmon and excellent flavor. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.



Leek, Musselburgh



Muskmelon, Tip Top

Watermelon

One ounce to 30 hills; 4 to 5 pounds per acre

Plant in hills as directed for Muskmelons and treat in all respects the same except that the hills should be about 8 feet apart. **Price, all varieties, pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.**

Cole's Early. Medium size, flesh bright red, excellent.

Phinney's Early. Early, sweet; flesh deep red.

Kleckley's Sweet. Vines vigorous and productive; flesh bright red and exceedingly sweet.

Hungarian Honey. Very early, nearly round, dark green skin, brilliant red flesh.

Citron. For preserves only.



Watermelon, Cole's Early

Nasturtium

The seeds while young and succulent are pickled and used as capers. Sow the seeds in drills 1 inch deep, the tall grown by the side of a fence, or supported by a trellis.

Tall Mixed. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Dwarf Mixed. Oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Okra, or Gumbo

One ounce to 75 hills

Sow early in May, in drills 2 inches deep, setting the plants from 2 to 3 feet apart. **Dwarf Green.** The best variety for general cultivation. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Perkins' Mammoth Long-podded. About 3 feet high; very early and productive. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

White Velvet. About 3 $\frac{1}{2}$ ft. high, early and productive. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.



Okra



Onion, Yellow Globe Danvers

Onions

One ounce will sow
100 feet of drill;
6 lbs. per acre

A rather strong, deep, rich, loamy soil is considered most suitable for Onion culture. Prepare ground the previous Autumn by plowing or spading deeply and applying a heavy coat of well-rotted barnyard manure. Sow seed early in Spring in shallow drills 1 foot apart, covering with fine soil, and press down by the use of a light roller or the back of a spade. Thin plants to 4 inches and keep free from weeds.

Our Onion Seed is all Eastern grown

Yellow Globe Danvers. True Buxton type. A standard sort, deep globe-shape, large size, mild flavor and a good keeper. **Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

Large Red Wethersfield. One of the most productive and longest keeping sorts. Large size, flat, purplish-red color. **Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.00.**

Southport Red Globe. Very early, globe-shape, bright red color, excellent keeper. **Pkt. 10c., ½ oz. 20c., oz. 35c., ¼ lb. \$1.25.**

Southport White Globe. Large, globe-shape, mild flavor and firm; a good keeper. Always commands a high price in market. **Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

White Portugal. Excellent for family use, and recommended for pickling. **Pkt. 10c., ½ oz. 25c., oz. 45c., ¼ lb. \$1.50.**

Prizetaker. Globe-shape, very large size, extremely mild flavored; is most satisfactory when sown early in hotbed and transplanted. **Pkt. 10c., ½ oz. 25c., oz. 45c., ¼ lb. \$1.25.**

Onion Sets (Prices variable)

	Lb. 5 lbs.		Lb. 5 lbs.
White Sets.....	\$0.35 \$1.50	Potato	
Yellow Sets.....	.35 1.50	Onions.....	\$0.35 \$1.50
Red Sets.....	.35 1.50	Shallots.....	.35 1.50

Parsley

One ounce will sow
150 feet of drill

Sow thickly in drills a foot apart and half an inch deep early in the Spring, having soaked seed in tepid water a few hours.

Champion Moss Curled. Fine and unsurpassed for garnishing. **Pkt. 10c., oz. 20c., ¼ lb. 50c.**

Plain-leaved. Excellent flavor. **Pkt. 10c., oz. 20c., ¼ lb. 50c.**

Hamburg-rooted. Fleishy vegetable root for soups, etc. **Pkt. 10c., oz. 25c., ¼ lb. 75c.**

Parsnip

One ounce will sow 200
feet of drill; 5 lbs.
per acre

Sow as early as possible in drills 2½ feet apart and half an inch deep, and press the soil firmly over the seed; succeeds best in rich, sandy loam, deeply tilled and avoid fresh manure.

Hollow Crown, or Long Smooth. The standard sort for general use. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Peppers

One ounce will produce
about 2000 plants

Sow the seed in March or April in a hotbed and transplant to open ground as soon as the weather is quite warm, in rows about 20 inches apart and 15 inches apart in the row. A warm, sandy loam is best.

Giant Crimson. Fruits are of largest size; ripen earlier than any other very large sort and average heavier as flesh is exceptionally thick. Plants upright 2½ to 3 ft. high, larger and more productive than Chinese Giant. Deep crimson color, mild flavor. **Pkt. 10c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.00.**

Large Bell. A standard sort, large size, moderately pungent. **Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.25.**

Ruby King. Very mild, fruits 4 to 6 in. long; excellent for stuffing; a very popular sort. **Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

California Wonder. Sturdy and upright in growth bearing six to eight fruits of immense size, walls thick and fleshy. **Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.50.**

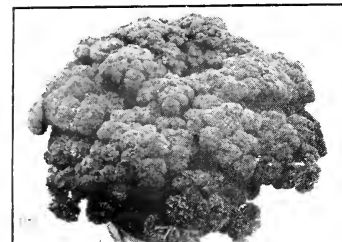
Long Red Cayenne. Bright red, slender pods, very pungent. **Pkt. 10c., ½ oz. 25c., oz. 40c.**

Chili. Very small, red, very pungent. **Pkt. 10c., ½ oz. 40c., oz. 75c.**

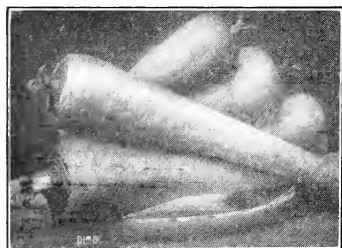
World Beater. A popular early, very large-fruited, thick-fleshed, mild-flavored sort. Plants upright, 2½ to 3 ft. high. Fruit deep green, turning to deep crimson when mature. **Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.25.**

Potatoes

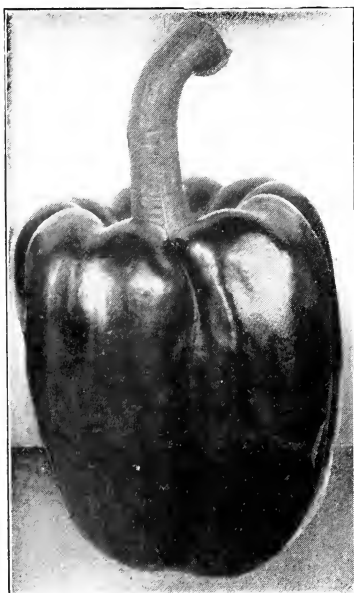
All leading varieties, choice Maine grown stock, at lowest market prices.



Parsley, Champion Moss Curled



Parsnip, Hollow Crown



Pepper, Ruby King

INOCULATE THIS
SEED WITH
MULFORD CULTURE

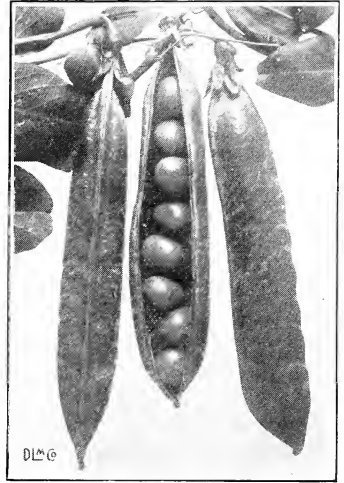
Peas

One pound will plant about 75 feet of drill;
75 pounds per acre

Plant the extra early smooth varieties as soon as the ground can be worked, and the wrinkled sorts soon as the ground becomes warm. Make rows for dwarf varieties 2½ feet apart and for tall sorts 3 feet apart.

INOCULATE THIS
SEED WITH
MULFORD CULTURE

- Laxton's Progress.** An improvement over Laxtonian; height 18 in., dark green pods averaging nine peas to the pod. **Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.**
- Laxtonian.** A large-podded sort resembling the Gradus though more dwarf and a little earlier. Vines vigorous, growing about 18 in. high, well covered with large, pointed pods, averaging eight or nine to the vine, and nine to ten peas in a pod. Most excellent quality. **Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.50.**
- Gradus.** Variety rivaling the First Earlies; produces pods and peas equal to large marrow sorts. Unexcelled in quality and flavor. **Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$2.75.**
- Thomas Laxton.** Resembles the Gradus in size of pod, but darker color. **Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$2.75.**
- New York Market.** Very early and productive. A general favorite among market gardeners; robust in growth; height 2½ ft. **Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$2.50.**
- Alaska, or Earliest of All.** The earliest pea in cultivation, matures nearly its entire crop at one picking; height 2½ ft. **Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$2.50.**
- American Wonder.** One of the earliest wrinkled peas, dwarf and robust in growth, pods long and well filled; height 10 to 12 in. **Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$2.75.**
- Nott's Excelsior.** An excellent dwarf wrinkled pea, robust, vigorous. Peas and pods large. **Pkt. 20c., lb. 35c., 2 lbs. 60c., 10 lbs. \$2.50.**
- New Dwarf Champion.** A sort with all the merits of the Champion of England. Height 26 in.; matures little after Little Gem. **Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$3.00.**
- Telephone.** A very popular variety, height 3½ ft. Pods 5 to 7 in. long, containing 8 to 12 peas of unequaled flavor. **Pkt. 20c., lb. 35c., 2 lbs. 65c., 10 lbs. \$2.75.**
- Everbearing.** A branching and everbearing sort. Height 3 ft.; pods long, dark green and usually in pairs well filled with large peas of excellent quality. **Pkt. 20c., lb. 40c., 2 lbs. 75c., 10 lbs. \$3.25.**
- Giant Sugar.** Pods 5 to 6 in. long; cooked same as string beans. **Pkt. 20c., lb. 40c., 2 lbs. 75c.**

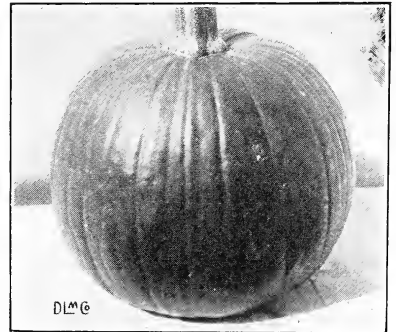


Peas, Telephone

Pumpkins

Pumpkins are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills 8 feet apart.

- Yellow Sugar.** Very sweet; an excellent table sort. **Oz. 15c., ¼ lb. 35c., lb. \$1.00.**
- Connecticut Field.** For feeding stock. **Oz. 15c., ¼ lb. 35c., lb. 75c.**
- Large Chinese, Flat.** One of the best varieties for family use. **Pkt. 10c., oz. 25c., ¼ lb. 35c., lb. \$1.00.**
- Mammoth.** Grows to immense size. **Pkt. 10c., oz. 25c.**



Pumpkin, Yellow Sugar

RADISHES

One ounce will sow
100 feet of drill

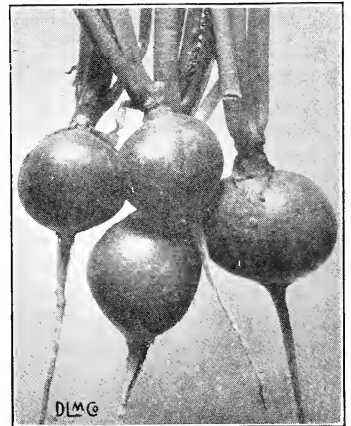
Radishes require a light, rich, sandy soil. For an early supply sow in a hot-bed in February, care being taken to give plenty of ventilation. For a successive supply sow from the middle of March until September, at intervals of two or three weeks.

- Early Scarlet Globe.** For forcing in greenhouses, hotbeds and coldframes or open ground sowing, this is one of the very best globe-shaped, fine scarlet color, crisp, mild and tender. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**
- French Breakfast.** Olive-shaped, bright scarlet, white tipped. A favorite sort. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**
- Long Scarlet, Short Top.** Long, smooth, crisp and tender. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**
- Scarlet Turnip, White Tipped.** Very early, excellent quality. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**
- White Box.** Turnip-shaped white sort, quick growing, excellent quality. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**
- White Giant Stuttgart.** Top-shape, white skin and flesh; Summer variety, but does not become pithy and can be sorted for Winter. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**
- Long Black Spanish.** An excellent Winter sort. **Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**
- Round Black Spanish.** A Winter variety. **Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.00.**
- Icele.** Long, white, rapid growing. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.25.**

Rhubarb

Sow in drills 1 inch deep and thin plants to 6 inches apart. In Fall transplant into rich soil, setting from 4 to 6 feet apart.

- Myatt's Victoria.** **Pkt. 10c., oz. 20c., ¼ lb. 50c.**
- Rhubarb Roots.** Each 25c., doz. \$2.50.



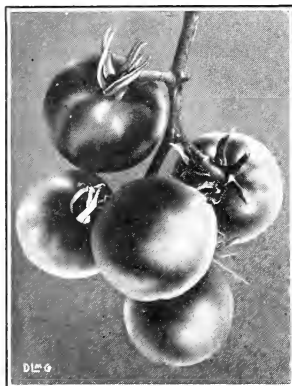
Radish, Early Scarlet Globe



Spinach, Giant Thick-leaved



Squash, Hubbard



Tomato, Bonny Best

Tobacco

One ounce will produce plants for one acre

Sow broadcast in hotbeds or open ground soon as it can be worked. Keep free from weeds, water freely. Set out June 1st 3 feet apart on highly manured ground.

Connecticut Seed Leaf. A hardy variety adapted to growing in northern states. Pkt. 10c., oz. 50c.

Havana. The leaf is very thin and fine texture. Pkt. 10c., oz. 50c.

John Baer. Few days later than Earliana. More uniform, attractive and productive. The most profitable extra early variety. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Bonny Best. Almost as early as John Baer. Smooth, uniform fruit, bearing well until frost. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Earliana. The earliest large red Tomato. A favorite among market gardeners. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Acme. Very early, smooth, color purplish-pink. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Dwarf Champion. A distinct variety; robust, short jointed; fruit early, medium size, crimson color. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Salsify, or Oyster Plant

One ounce to 50 feet of drill

The Salsify has a long white, tapering root, resembling a small Parsnip; when properly cooked it has the flavor of an oyster, and is a good substitute. Sow early in drills 15 inches apart; cover the seeds an inch and a half deep in light, well enriched soil, worked to a good depth, avoiding coarse and fresh manure. Roots are hardy and improved by frost.

Sandwich Island. Grows to a large size; very mild flavor. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Spinach

One ounce to 100 feet of drill

For Summer use sow early in March in drills 15 inches apart, and for succession at intervals of a fortnight. For Winter use, sow late in August. The soil should be heavily manured and deeply trenched.

Giant Thick-leaved. A strong-growing, early market variety; large, thick leaves, deep green color. The best for Spring or Fall sowing. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 60c.

Bloodsdales. Savoy-leaved, very early and one of the best for Fall or early Spring planting; leaves dark green, medium size and crumpled, much like the Savoy cabbage. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 60c.

King of Denmark. Ideal for Spring sowing; very slow to run to seed. Strong, vigorous plants, dark green crumpled leaves. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

New Zealand. Entirely distinct variety; produces a large quantity of leaves; for Summer use. Sow early in Spring. When cut branches out and makes new growth, producing until frost. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Squash

Bush sorts, one ounce to 50 hills; 6 pounds per acre
Running sorts, one ounce to 16 hills, 4 pounds per acre

The Squash is a very tender vegetable, sensitive to cold, and cannot in our climate be planted before the middle of May. Plant in rich soil, in hills prepared similar to those for Cucumbers. All sorts, thinned to not over three plants to a hill.

Giant Summer Crookneck. Larger than the ordinary Summer Crookneck. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Golden Summer Crookneck. Golden yellow fruit, early and prolific. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

White Bush Scallop. Early; a good market sort. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.60.

Yellow Bush Scallop. Yellow, flat, scalloped edge. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Essex Hybrid. A fine tall variety. Turban type. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

Early Prolific Marrow. The earliest and most productive Fall and early Winter variety. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

Delicious. A Fall and Winter variety. Medium size, thick, bright yellow flesh; excellent flavor. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Boston Marrow. A good keeping Winter sort. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.40.

Chicago Wartyed Hubbard. A selection of the Hubbard, dark green wartyed shell. Large size and excellent quality. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Golden Hubbard. Similar to the standard sort except in color. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Hubbard. The standard Winter Squash. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Symmes Blue Hubbard. Bluish green skin; golden orange flesh; very dry and excellent keeper. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 60c., lb. \$1.75.

Vegetable Marrow (English). Pale straw color, changing darker. White flesh. About 9 in. long. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Cocozelle, Italian Vegetable Marrow. Mottled dark and light green, 12 to 20 in. long. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Tomatoes

One ounce will produce about 2000 plants

The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high, set out in boxes, 3 inches deep, 4 inches apart, in another hotbed, or pot singly. If transplanted a second time will be stocky and branching. When the weather has become mild, transplant into warm, light, rich soil 4 feet apart.

Matchless. A dependable scarlet; main crop variety; very solid and meaty. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Dwarf Stone. Large-fruited dwarf sort. Color bright scarlet. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Stone. A remarkable main crop variety; robust, solid and very little seed capacity; very productive; quality unexcelled. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Ponderosa. The largest variety in cultivation. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

Golden Queen. A large, smooth, yellow variety. Pkt. 10c., oz. 50c.

Strawberry (Husk). A favorite preserving sort. Pkt. 10c., oz. 40c.

Yellow Plum, Red Plum, Red Peach. Pkt. 10c., oz. 50c

Turnips

One ounce will sow 150 feet of drill; one pound per acre in drills, 2 to 3 pounds broadcast

For Summer use, sow early in the Spring in drills and thin out to 8 inches. For Fall and Winter, sow from July to September. Rutabagas should be sown in June or early in July, in drills 18 inches apart; thin out when large enough, 6 to 9 inches apart in drill, according to size.

Extra Early Purple Top Milan. The earliest Turnip. White, flat, medium size. **Pkt. 10c., oz. 20c., ¼ lb. 60c.**

Red Top Strap Leaf. A popular, quick-growing sort. **Pkt. 10c., oz. 15c., ¼ lb. 30c., lb. 75c.**

White Egg. Rapid growth, pure white, egg-shaped, fine-grained. **Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. \$1.25.**

Golden Ball. Medium size and excellent quality. **Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. \$1.00.**

Cow Horn. Flesh white, fine grained, a good table sort. **Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. \$1.20.**

Budlong White Rock. Much smoother than the old type. White flesh, mild and sweet. **Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. \$1.00.**

Macomber. A white rock variety earlier than Budlong and a favorite with many growers. **Pkt. 10c., oz. 20c., ¼ lb. 50c., lb. \$1.50.**

Improved American. Yellow flesh, excellent quality. **Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. \$1.00.**

Grass Seed

Prices may change as the season advances

Rhode Island Bent. One of the best grasses for lawns in adapting itself to almost any soil, dry, moist or sandy. Valuable for permanent pastures. **Lb. \$1.75, 10 lbs. \$16.**

Kentucky Blue (*Poa pratensis*). A superior grass for pastures and lawns. Succeeds well in all soils and stands dry weather well. **Lb. 65c., 10 lbs. \$6.00.**

Orchard Grass (*Dactylis glomerata*). One of the earliest grasses and very hardy. Should be sown with Red Clover, as it blossoms about the same time. It is very productive and makes excellent hay. Grows well in shady woodlands, but do not use it for lawns. **Lb. 40c., 10 lbs. \$3.75.**

Timothy (*Phleum pratense*). A variety well known and highly appreciated. Produces large hay crops if grown on moist, clayey soil. **Lb. 20c., 10 lbs. \$1.50.**

Red Top (*Agrostis vulgaris*). A hardy perennial grass, succeeding best on moist land. Used extensively in all pasture mixtures, remaining green the greater part of the year. Recleaned. **Lb. 50c., 10 lbs. \$4.50.**

Sweet Vernal (*Anthoxanthum odoratum*). A perennial grass used in pasture mixtures. **Lb. \$1.00.**

Hard Fescue (*Festuca duriuscula*). One of the best dwarf grasses; excellent for dry soil. Hardy and withstands long periods of drought. **Lb. 50c.**

Meadow Fescue (*Festuca pratensis*). A valuable grass for permanent pastures. Productive and nutritious. **Lb. 50c.**

Crested Dog's Tail (*Cynosurus cristatus*). An excellent grass for hilly situations and shady parts of lawns, thriving best on rich, moist land. **Lb. 50c. 10 lbs. \$4.50.**

Rough-stalked Meadow Grass (*Poa trivialis*). Produces an abundant crop of highly nutritious herbage. Grows well on rich, moist lands and sheltered situations. **Lb. 75c., 10 lbs. \$7.25.**

Sheep's Fescue (*Festuca ovina*). An excellent grass for sheep pasture. Hardy, dwarf, compact growth. **Lb. 50c.**

Fine-leaved Fescue (*Festuca ovina tenuifolia*). Adapted to dry soils. **Lb. 60c.**

Red Fescue (*Festuca rubra*). Suitable for sandy soils and at the seashore. **Lb. 50c., 10 lbs. \$4.75.**

Creeping Bent (*Agrostis stolonifera*). One of the best lawn grasses; succeeds well in deep soils. **Lb. \$1.50, 10 lbs. \$14.00.**

Wood Meadow Grass (*Poa nemoralis*). Chiefly used for shaded positions in lawns and woodland parks, where other grasses will not grow. **Lb. 90c.**

English Rye Grass (*Lolium perenne*). A very nutritious, rapid growing grass. Valuable for meadows and pastures. **Lb. 30c., 10 lbs. \$2.75.**

Lawn Grass Mixtures

(See second page cover)

Park Lawn Grass Mixture. ½ lb. 35c., 1 lb. 60c., 2½ lbs. \$1.25, 5 lbs. \$2.25, 20 lbs. \$9.00, 100 lbs. \$40.00.

Shady Nook Grass Mixture. ½ lb. 40c., 1 lb. 75c., 2½ lbs. \$1.50, 5 lbs. \$2.75, 20 lbs. \$10.00

Herbs

Packages 10c.

Anise, oz. 15c.; Basil, oz. 20c.; Caraway, oz. 10c.; Dill, oz. 15c.; Florence Fennel, oz. 25c.; Lavender, oz. 50c.; Sweet Marjoram, oz. 30c.; Rosemary, oz. 50c.; Rue, oz. 35c.; Sage, oz. 30c.; Savory, Summer, oz. 30c.; Thyme, oz. 40c.; Sorrel, oz. 25c.

Vegetable Roots and Plants

Asparagus, Mary Washington. The earliest and produces more and larger stalks than other strains; the highest rust-resisting variety; so much better you can see the difference. Extra, 2-yr.-old roots. **Doz. 35c., 50 for \$1.25, 100 for \$2.25, 1000 for \$20.00.**

Rhubarb Roots, Victoria. Strong divisions. **Each 25c., doz. \$2.50.**

Horseradish, Maliner Kren. Strong cuttings. **Doz. 25c., \$1.50 per 100.**

Cabbage, Celery, Lettuce. **Doz. 25c., \$1.50 per 100.**

Cauliflower, Pepper, Tomato. **Doz. 35c., \$2.00 per 100.**

Eggplant. **Doz. 50c.**

Sweet Potato Plants. Early in June. **\$1.00 per 100.**

Clovers

Alfalfa (*Lucerne*). Requires a deep, rich soil, and in such will produce several crops each season; one of the best green fodder plants; 10 to 15 lbs. to the acre. **Lb. 40c.**

Alsike Clover (*Trifolium hybridum*). Resembles in growth, duration, etc. the Red Clover; thrives well in cold, wet and stiff soils; 10 lbs. to the acre. **Lb. 50c.**

Medium Red Clover (*Trifolium pratense*). Is a perennial, but of very few years' duration; is considered the most nutritious of all species and most valuable in moist locations. **Lb. 60c., 100 lbs. \$50.00**

White Clover (*Trifolium repens*). Valuable for lawns and pastures. **Pkt. 15c., ¼ lb. 25c., ½ lb. 40c., lb. 75c., 10 lbs. \$7.00.**

Crimson Clover (*Trifolium incarnatum*). Sown at the last of Summer or early Autumn it furnishes a very early green fodder; excellent for soiling; 20 lbs. to the acre. **Lb. 25c., 10 lbs. \$1.80.**

Millets

Southern Golden. Medium early; height 3 to 5 feet; heads closely condensed; spikes very numerous; seeds round, golden yellow in rough, bristly sheaths. **Bushel (50 lbs.).**

Hungarian Millet (*Panicum germanicum*). One of the most valuable annual soiling plants. It will grow in any ordinary soil, withstands drought well, and in this latitude may be sown as late as the first of July and produces a large green crop; 1½ bushels to the acre. **Bushel (48 lbs.).**

Japanese. A new millet, very productive if sown early and cut; usually produces a good second crop. Has produced six tons dry hay per acre. Sow 15 lbs. to the acre.

Grains, Etc.

Subject to change in price

Buckwheat, Japanese Early. Immense cropper. **Bu. \$3.00.**

Barley. Two-rowed. Select stock. **Bu. \$2.50.**

Beardless. Earlier than any bearded sort, better feeding and as productive. **Bu. \$3.00.**

Spring Rye. Sow 1 to 1½ bu. to the acre. **Bu. \$3.50.**

Oats. Various sorts at market price.

Canada Field Peas. Valuable for cattle feeding, excellent for ensilaging, or sown broadcast in the Spring and harrowed in. **Lb. 15c., 100 lbs. \$9.00.**

Vetches. Spring sown, mixed with oats for soiling. **Lb. 15c., 100 lbs. \$10.00.**

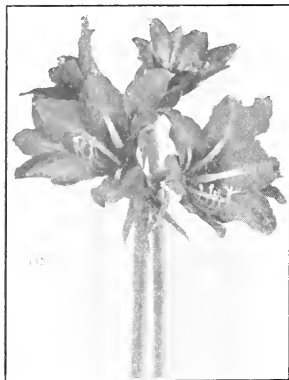
Vetches. Winter sown, in Fall with rye for early fodder or plowing under. **Lb. 20c., 100 lbs. \$18.00.**

Spring Wheat. Marquis type. **Bu. \$4.00.**

Rape, Dwarf Essex. A prolific foliage plant for sheep pastures. Sow 5 lbs. to the acre in drills. **Lb. 20c., 10 lbs. \$1.60.**

INOCULATE THIS
SEED WITH
MULFORD CULTURE

Summer Flowering Bulbs



Amaryllis

Amaryllis

Giant Hybrids. Our bulbs are from the finest collection in America. The size of bloom, range of colors and markings surpass any former offerings. **Extra large bulbs, 85c. each, \$9.00 per doz.**

Begonias

Tuberous Rooted

Begonias are indispensable for shady places in the garden or lawn, also desirable for pots or piazza boxes. Start in the house in March or April and remove to the open ground as soon as danger of frost is past. They will bloom freely from July until cut down by the frost. Dry tubers may also be planted in the open ground in May. Care should be taken to keep constantly moist.

Single. White, yellow, rose, scarlet, crimson, salmon. **Price, extra fine bulbs, each 25c., doz. \$2.50.**

Caladium

Esculentum. This is one of the most beautiful and striking of the ornamental foliage plants, for growing in pots, for planting on the lawn, or mass in beds. It is of the easiest culture in any good garden soil. **Dry bulbs, medium size, each 15c., doz. \$1.50; extra large, 35c. each, doz. \$3.50.**

Cannas Large Flowering

All varieties, each 15c., doz. \$1.50.

Apricot. Buff-yellow base overlaid with salmon-pink; green foliage. 4 ft.

Chas. Henderson. Brilliant crimson-scarlet with flame-yellow throat; green foliage. 4 ft.

City of Portland. Glowing pink, profuse bloomer; green foliage. 3½ ft.

Express. Brilliant scarlet-crimson. 2½ ft. Green foliage.

Gladiator. Brilliant yellow, spotted crimson. Robust grower. 4½ ft.

King Humbert. Bronze foliage. Flower heads of immense size. Orange-scarlet, rose-tinted. One of the finest Cannas.

President. Superior to all other red varieties in quality and quantity of bloom. Glowing scarlet; green foliage. 4 ft.

Richard Wallace. Canary-yellow, green foliage. 4 ft.

Wintzer's Colossal. The largest flowering Canna. Vivid scarlet bloom and green foliage. 5 ft.

Calla Elliottiana (Yellow Calla)

Foliage spotted and flowers golden yellow, making a beautiful contrast; excellent for pots. **Each 35c., doz. \$3.50.**

Gloxinias

Should be grown in pots in the house or on the veranda, in boxes or little frames outside and will flower all Summer. Their green leaves are surmounted with a cluster of lovely, trumpet-shaped flowers. The coloring is exquisite; the groundwork of many is pure white, with throats of blue, scarlet, rose or crimson; or the tubes are of bright colors with white throat. The bulbs should be started in a warm place—greenhouse, hotbed or sunny window.

Extra strong bulbs, separate colors, each 40c., doz. \$4.00.

Hyacinths

Candicans (Summer Hyacinth). Excellent for clumps or used among shrubbery. **Each 20c., doz. \$1.75.**

Madeira Vine

A rapid growing vine with fragrant white flowers. **Each 15c., doz. \$1.50.**

Montbretia

Flowers produced on long graceful stems, colors ranging through yellow, orange and red. Particularly bright. Mixed colors. **Separate Named Varieties, Each 10c., doz. \$1.00, 100 for \$6.50.**

Mixed Colors. Each 10c., doz. 75c., 100 for \$5.00.

Oxalis

These Summer flowering bulbs should be planted out early in May, covering about 2 inches deep.

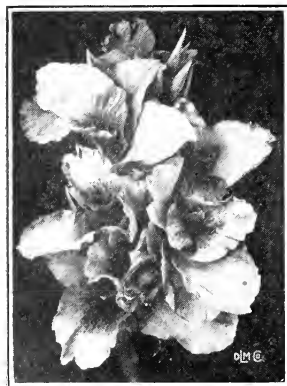
Extra Large Bulbs, White or Pink. **Doz. 35c., 100 \$2.00.**

Fall Bulbs

Hyacinths, Tulips, Narcissus, Crocus, Freesia, Calla, Madonna and Regal Lilies, together with other seasonable items, will be on display about October 1st.



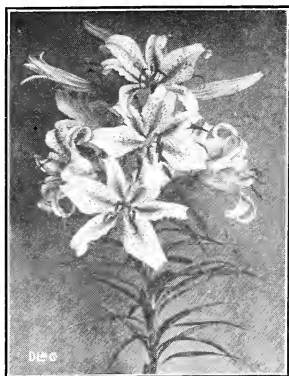
Begonia



Cannas



Gloxinia



Lilium auratum

Tritoma

(Red Hot Poker)

Pätzneri (Everblooming Flame-flower). Blooms August to October, with spikes 3 to 4 feet high and heads of orange-scarlet bloom.

Strong roots, 35c. each, doz. \$3.50.

Lilies

Auratum (The Golden-rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. **Mammoth Size Bulbs, each 50c., doz. \$5.00.**

Platyphyllum macranthum. The largest of the Auratums, petals broad and yellow spotted. **Large Bulbs, each 60c., doz. \$6.00.**

Auratum Pictum. One of the Auratum type, white with yellow band, spotted red and tips of petals red, making a decided contrast among the other Auratums. **Each 75c., doz. \$7.50.**

Album. This is a pure white and very fragrant variety, with beautifully recurved petals. A very fine sort. **Each 50c., doz. \$5.00.**

Rubrum. White ground with bands and spots of rose or crimson on each petal. One of the best Lilies. We have a splendid stock of this very hardy and beautiful kind. **Mammoth Size Bulbs, each 50c., doz. \$5.00.**

Regale (Myriophyllum). White, fragrant flowers shaded pink outside, lower inner surface primrose-yellow. Hardy. 3 to 5 ft. high. **Extra Large Bulbs, each 75c., doz. \$7.50.**

Batemanniae. Apricot, shaded Lily of easy cultivation and grows equally well in sun or partial shade. 3 ft. high. **Each 35c., doz. \$3.50.**

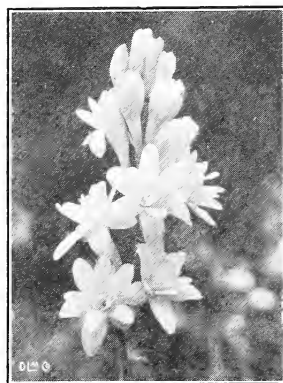
Canadense. Colors vary from reddish-orange to yellow marked with black. 4 ft. **Each 25c., doz. \$2.50.**

Elegans. Mixed shades of vermilion, crimson and apricot. **Each 25c., doz. \$2.50.**

Superbum. Brilliant orange-red, five to forty blooms on a stem. 3 to 6 ft. high. **Each 30c., doz. \$3.00.**

Pardalinum (Leopard Lily). Scarlet and yellow flowers, spotted brown, free-flowering. **Each 35c., doz. \$3.50.**

Tigrinum splendens (Tiger Lily). Orange red, spotted black. **Each 25c., doz. \$2.50.**

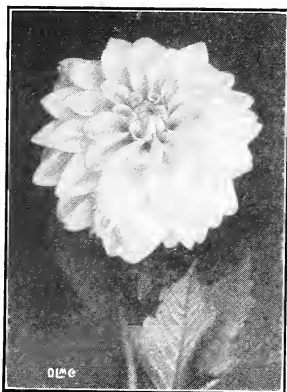


Tuberoses

Tuberoses

In this latitude May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no especial preparation is necessary. Place the bulb so the top will be covered about 1 inch with soil.

Excelsior Pearl. Extra fine, large flowering bulbs. Very limited supply this season. **Per doz. 75c., 100 for \$5.00.**



Decorative Dahlia



Cactus Dahlia

Dahlias

	Each
A. C. Lawrence. Hybrid Cactus. Delicate pink.....	\$1.50
Bashful Giant. Decorative. Apricot, shaded bronze.....	1.50
Billy Burke. Hybrid Cactus. Pale lemon, tinged pink.....	.50
Bonnie Brae. Decorative. Blush pink, slightly shaded.....	.75
Catherine Wilcox. Decorative. White, tipped carmine.....	.50
Dreer's White. Show. Snow-white.....	.35
F. L. Millis. Hybrid Cactus. Large deep pink and carmine.....	.50
George Walters. Hybrid Cactus. Salmon rose and pink.....	.75
Honolulu Girl. Decorative. Large yellow and bronze.....	.50
Jersey Beauty. Decorative. Beautiful rose-pink.....	1.00
J. L. Childs. Decorative. Yellow, splashed red.....	1.00
Junior. Decorative. Lavender-pink; very large.....	1.00
Kitty Dunlap. Decorative. American Beauty Rose color.....	1.50
Mariposa. Hybrid Cactus. Delicate pink, shaded.....	1.50
Mrs. Carl Salsbach. Decorative. Mauve-pink, slightly shaded.....	.50
Mrs. Davidson. Decorative. Royal purple.....	.75
Meritorious. Decorative. Yellow, shaded buff and white.....	.75
Mrs. I. de Ver Warner. Decorative. Mauve-pink.....	1.00
Paul Michael. Decorative. Old gold and yellow.....	.75
Pride of New Haven. Decorative. Pink and buff.....	.50
Purple Manitou. Decorative. Royal purple.....	.50
Radio. Decorative. Blood-red, edged yellow.....	2.00
Rainbow. Decorative. Old gold, suffused red and carmine.....	.75
Rosa Nell. Decorative. Clear bright rose.....	.50
Snowdrift. Decorative. Large pure white.....	.75
The Eagle. Hybrid Cactus. Canary-yellow.....	.50
The Millionaire. Decorative. Lavender-pink.....	.50
U. S. A. Hybrid Cactus. Large deep orange.....	1.00
Whang Shang. Hybrid Cactus. Salmon-pink and bronze.....	.75
William Slcombe. Decorative. Pale yellow.....	.75
Wizard of Oz. Hybrid Cactus. Large salmon, overlaid salmon-rose.....	1.50
Y D 4. Decorative. Large white and purple.....	.50

Collection 6 Fine Dahlias, unnamed..... \$2.00
Collection 6 Choice Dahlias, unnamed..... 3.00

GLADIOLUS

Bulbs planted in open ground in Spring produce plants with long, rush-like foliage and magnificent flower spikes early in the following Autumn.

America. One of the finest varieties; color soft flesh-pink; Orchid-like in color and texture.

Doz. 60c., 100 for \$4.00.

Anna Eberius. Dark lavender shading to purple throat; fine, long well set spike. **Each 12c., doz. \$1.25, 100 for \$7.50.**

Byron L. Smith. Lavender-pink on white ground. **Each 15c., doz. \$1.50, 100 for \$10.00.**

Crimson Glow. Large brilliant crimson. **Each 12c., doz. \$1.25, 100 for \$7.50.**

Duchess of York. Rich indigo-blue almost twice the size of Baron Hulot. Strong stem, heavily budded. **Each 15c., doz. \$1.50, 100 for \$10.00.**

E. J. Shaylor. Deep rose-pink, tall, straight grown. Ruffled. **Each 12c., doz. \$1.25, 100 for \$8.00.**

Empress of India. Brownish-black. One of the best dark sorts. **Each 15c., doz. \$1.50, 100 for \$9.00.**

Evelyn Kirtland. Pale pink with scarlet blotches. **Each 12c., doz. \$1.25, 100 for \$7.50.**

Flora. Light yellow; very fine. **Each 12c., doz. \$1.25, 100 for \$8.00.**

Gold. Extra fine golden yellow. **Each 20c., doz. \$2.00.**

Halley. Salmon-pink. **Each 10c., doz. 75c., 100 for \$5.00.**

Herada. Blooms large, spikes tall and straight. Pure mauve with deeper markings at throat. **Each 12c., doz. \$1.25, 100 for \$8.00.**

Le Marechal Foch. Apple blossom pink, rosy carmine center. Large size and early as Halley. **Each 10c., doz. \$1.00, 100 for \$6.00.**

Lily White. Pure snow-white; early. **Each 10c., doz. \$1.00, 100 for \$6.00.**

Louise. The orchid Gladiolus. Lavender-pink shading to mauve. **Each 12c., doz. \$1.25, 100 for \$8.00.**

Mrs. Dr. Norton. Cream center shading to pink, lower petal blotched sulphur. A superior variety. **Each 12c., doz. \$1.25, 100 for \$8.00.**

Mrs. Francis King. Beautiful light scarlet. **Each 10c., doz. 75c., 100 for \$5.00.**

Mrs. Frank Pendleton. Large, well expanded flowers, light pink, blotched blood-red in throat. **Each 10c., doz. \$1.00, 100 for \$6.00.**

Mrs. Watt. Glowing American Beauty red. Nearly all flowers open at one time. **Each 10c., doz. \$1.00, 100 for \$6.00.**

Neoga. Dark garnet red, deeper throat. **Each 15c., doz. \$1.50, 100 for \$10.00.**

Orange Glory. Tall, straight growth, large blooms, many opening at one time. Clear orange color. **Each 15c., doz. \$1.50, 100 for \$9.00.**

Purple Glory. Rich Velvety maroon with almost black blotches. Ruffled. **Each 20c., doz. \$2.00.**

Prince of Wales. Orange-salmon, large bloom, early. **Each 12c., doz. \$1.25, 100 for \$6.00.**

Red Canna. Brighter and taller than Mrs. Francis King; keeps well when cut. **Each 10c., doz. \$1.00, 100 for \$6.00.**

Rose Ash. Corinthian-red, combined with ashes of roses. Large and unique. **Each 15c., doz. \$1.50, 100 for \$10.00.**

Rose Pearl. Pure rose-pink. **Each 10c., doz. \$1.00, 100 for \$6.00.**

Ruffled Glory. Delicate pink with crimson stripe in center of each lower petal. Beautifully ruffled edges. **Each 10c., doz. \$1.00, 100 for \$7.00.**

Schwaben. Rich orange-yellow with carmine blotch extra long spike. **Each 10c., doz. \$1.00, 100 for \$6.00.**

Virginia. Lively scarlet, throat brighter, large spike carrying 5 to 7 wide open flowers. **Each 12c., doz. \$1.25, 100 for \$8.00.**

White Glory. A gorgeous pure white ruffled sort with beautiful iris-blue throat. **Each 15c., doz. \$1.50, 100 for \$10.00.**

Pino's Special Mixture. Selected to cover a wide range of types, and we have given special attention to the selection of the lighter and more desirable shades. All bulbs strictly first-class. **Doz. 50c., 100 for \$3.50.**



E. J. Shaylor



Anna Eberius

GLADIOLUS COLLECTIONS

All best quality bulbs. Our selection of varieties.

Choicest Varieties

1 Bulb each 12 choicest varieties—	12 bulbs..	\$1.50
2 Bulbs each 12 choicest varieties—	24 bulbs..	2.75
5 Bulbs each 10 choicest varieties—	50 bulbs..	5.00
10 Bulbs each 10 choicest varieties—	100 bulbs..	9.00

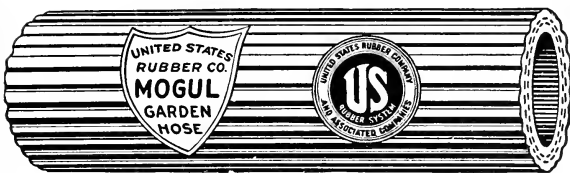
Standard Varieties

1 Bulb each 12 standard varieties—	12 bulbs..	\$1.00
2 Bulbs each 12 standard varieties—	24 bulbs..	1.75
5 Bulbs each 10 standard varieties—	50 bulbs..	3.00
12 Bulbs each 10 standard varieties—	100 bulbs..	5.50

Garden Tools and Requisites

Dibbles. Used in transplanting Cabbages, etc. Steel points. Each 90c.

Garden Hose. "U. S." Mogul, $\frac{5}{8}$ in. size only; recommended as the most convenient and economical size; 25 ft. length \$4.00, 50 ft. length \$7.50.



Hose Menders. Cooper's. Made of heavy brass. Requires no wire or pliers to adjust them. For $\frac{1}{2}$ -inch or $\frac{3}{4}$ -inch hose. Each 10c., doz. \$1.00; 1-inch, each 80c., doz. \$1.00.

Hose Nozzle. New Boston Spraying. Coarse or fine spray, large or small stream. 75c.

Glazing Points. Zinc, will not rust; three sizes, $\frac{5}{8}$, $\frac{3}{4}$ and $\frac{7}{8}$ in. long. Lb. 60c.

Grafting Wax. $\frac{1}{4}$ lb. pkg. 15c., $\frac{1}{2}$ lb. 30c., lb. 55c.

Grass Hooks (Sickles). English, each 80c. and \$1.00.

Japanese Broom Rake. Cleans the lawn as completely as though swept with a broom. 90c.

Keep Off the Grass Signs. Galvanized. 75c.

Knives. Budding and pruning. \$1.00 to \$2.00.

Knives. Asparagus. For cutting Asparagus under the surface. 50c. each.

Edging Knife. Handled. \$1.35.

Lawn Rakes. Wooden, best quality. Each \$1.25.

Rakes. Garden, steel, 12 teeth, \$1.10; 14 teeth, \$1.20; 16 teeth, \$1.25; 18 teeth, \$1.45.

Scythes. Cast steel. Best quality. American \$1.90, English \$2.75.

Scythe Stone. Talacre, oval. Each 25c.

Shears. Grass border. English. 9-in. \$5.75; with wheel, \$6.50.

Shears. Hedge. 8-in. \$3.35; 9-in. \$3.80; 10-in. \$4.30; with notch, 50c. extra.

Shears. Hand pruning. American. Each \$1.00 to \$2.50.

French. 8-in. \$2.50, 9-in. \$2.75.

Shears. Lopping. American. \$1.90.

Shears. Sheep. Used for trimming grass borders. \$1.00 to \$1.50.

Saws, Pruning. 18-in. \$1.00, 20-in. \$1.25.

Shovels. Ames' square and round pointed, long or short handles. \$2.50.

Shovel. Steel. Each \$1.50.

Spades. Steel. \$1.50 to \$2.50.

Thermometers. Tested and guaranteed. Japanned, tinned case. 60c. each, \$6.00 doz.

Thermometers. Incubator. Various patterns. Each 50c.

Thermometers. Brooder. Each 35c.

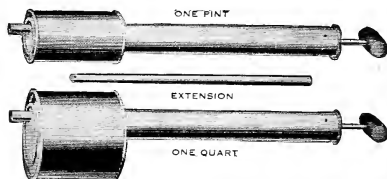
Thermometers. Hotbed and Mushroom bed. Boxwood, brass tip, made for plunging. \$1.00.

Trowels. Garden. Forged steel. English. 75c.

Trowels. Garden. Common, steel blade. Each 20c.

Trowels. Garden. Solid steel. Each, 6-in. 35c.

Duster Brown Dry Powder Gun



to spray ordinary field crops without bending over. Uses—For spraying dust on tobacco, small garden plots, rose bushes, or in any place where dust is to be applied. It is especially adaptable for use in applying insect powders.

No. 2 B, 1 pint. \$1.00

No. 2 C, 1 quart. 1.25

Double Barrel Duster. For dusting all dry insecticides. Considered the best; adapted for the home garden. 75c.

Weeders

Excelsior. Used for loosening the soil in borders and beds. Each 20c.

Hazeltine. Each 30c.

Magic. A very handy spring tooth hand weeder. Each 20c. to \$1.00.



Brown's Sprayers

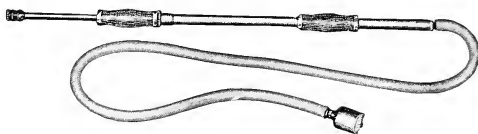


Auto Spray No. 9B. The strongest and most simple in its working parts of any compressed air sprayer. Two pumpings of about 15 strokes on the plunger will discharge the contents under high and constant pressure. After pumping the operator has nothing to do but release and direct the spray. Solution tank holds about four gallons, the air pump is made of seamless brass tubing located inside tank, protected from injury, and is provided with a cam locking device which closes the filler opening air-tight with a half turn of the pump handle. Our compressed air sprayers are all equipped with the Auto Pop nozzle; by a pressure of the fingers on the handle the spray is turned on and releasing pressure automatically shuts off. Complete, with brass tank, Auto Pop nozzle and 2 ft. extension, \$9.50.

Auto Spray No. 9D. Same equipment as above. Galvanized tank, Auto Pop nozzle, 2 ft. extension. Each \$6.50.

Auto Spray No. 5. A double acting general purpose hand pump. All working parts brass and interchangeable; easily

taken apart for cleaning. Pump may be used in any receptacle or in connection with the galvanized knapsack as offered.



Pump, Hose, Nozzle and Strainer. Complete, \$5.00.

Galvanized Knapsack. \$3.00.

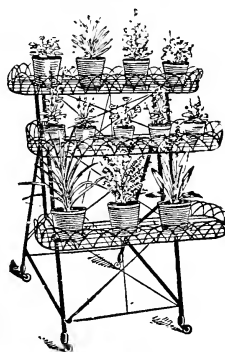
Auto Spray No. 6. Probably the most powerful bucket pump made; can easily generate a pressure of 200 lbs. Double Acting, spraying perfectly on both the up and down stroke, requiring about half the energy required for the ordinary pump. Valves made completely of brass; also suction strainer and strainer in nozzle of brass. Foot rest 16 inches high, which will clear almost any bucket. Can be taken down or put together without aid of tools and is as easily cleaned as a gun barrel. Price, complete, \$4.50.

Auto Spray No. 26C. All brass continuous atomizer, using half liquid and half air under pressure; easily dismounted and cleaned. Straight and angle nozzles. \$1.50.

Auto Spray No. 22. All tin, single acting hand sprayer. 50c. Nozzles, Non-Clog Junior, 75c.; Auto Spray, 60c.; Auto-Pop, \$1.50. Bordeaux, \$1.00.

Savo Steel Flower Boxes

Self-watering, for windows, porches, sun parlors, etc.



	Each
Size A, 23 in. long.....	\$3.75
Size B, 29 in. long.....	4.25
Size C, 35 in. long.....	4.75
Size D, 41 in. long.....	5.25

Folding Plant Stand

Can be opened or folded in a few seconds. Finished in green and bronze. Compact and durable. Takes up very little space when not in use. 3-wire trays, $7\frac{1}{2}$ x30, \$5.75.

Galvanized Iron Window Boxes

Well-made, heavy galvanized iron box fitted with conductor for sub-irrigation. 24-in. long, \$1.50; 30-in. long, \$2.00; 36-in. long \$3.00.

Watering Pots, Galvanized

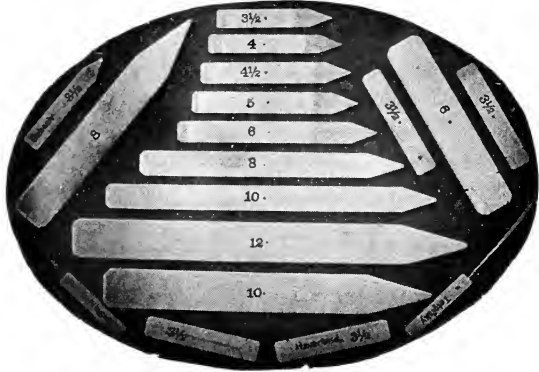
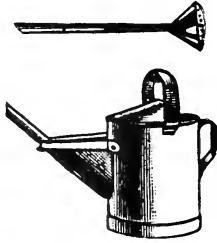
Made from the best quality iron and galvanized after being made. The strongest watering pot made. The joints are brass. Two copper face roses go with each pot for fine and coarse watering.

6-qt. \$5.50, 8-qt. \$6.00, 10-qt. \$6.50, 12-qt. \$7.00

Watering Pot, French Pattern. Same as above in quality, oval in shape with brass handle. 6-qt. \$6.50, 8-qt. \$7.00, 10-qt. \$7.50, 12-qt. \$8.00. Extra Roses, 65c.

Watering Pots. Galvanized iron, short spout. 6-qt. 95c., 8-qt. \$1.15, 10-qt. \$1.40, 12-qt. \$1.60.

Watering Pots. Painted. For window gardening, without rose. Assorted colors, 2-qt. \$1.25.



Labels

WOODEN POT AND GARDEN

	100	1000
4-in. Pot Labels, Painted.....	\$0.25	\$1.90
4½-in. Pot Labels, Painted.....	.30	2.15
5-in. Pot Labels, Painted.....	.35	2.50
6-in. Pot Labels, Painted.....	.40	3.00
8-in. Garden Labels, Painted.....	1.00	7.50
10-in. Garden Labels, Painted.....	1.25	9.00
12-in. Garden Labels, Painted.....	1.50	12.50
3½-in. Copper Wired Tree, Painted.....	.35	3.00

Simplex Weatherproof, 3x½ in. Doz. 35c 2.50
Indestructo. Metal plant label.

No. 1. ¾x3¼ in. 1.50
No. 2. 1½x5 in. 2.00

Adjusto Plant Support

The most simple and easily adjusted plant supporter on the market. The ring opens to place about the plant, is hooked together and placed at any desired height on the stake.

4 ft.	Each 40c., doz. \$4.20
5 ft.	Each 45c., doz. 4.80
6 ft.	Each 50c., doz. 5.40
18-in. for pot plants.	Each 10c., doz. 1.20

Timesaver Plant Support

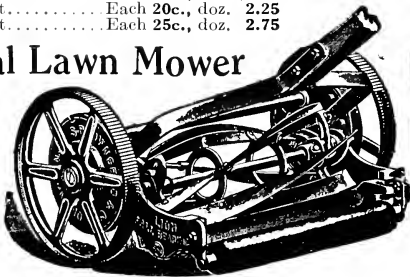
Galvanized stake, loop top and sliding clip and fibre loop. The stake is shoved into ground, the sliding clip adjusted to proper height and the fibre loop drawn about the plant and drawn into the clip. Easily readjusted.

3 ft.	Each 15c., doz. \$1.40
4 ft.	Each 20c., doz. 2.25
5 ft.	Each 25c., doz. 2.75

Royal Lawn Mower

The ball bearing in lawn mowers is the latest and probably the greatest improvement in their manufacture. The "Victory" is constructed with 10-inch skeleton rim driving wheels, 6¼-inch cutting cylinder with five knives. Is a strong and powerful, easy running mower.

16-inch \$15.00 18-inch, \$16.00.



Plant Stakes

PLANT STAKES—PAINTED GREEN—SQUARE

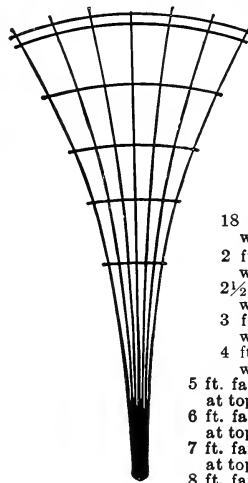
	Doz.	100
1½ ft.	\$0.30	\$2.00
2 ft. ....	.50	3.50
2½ ft. ....	.75	5.00
3 ft.	1.00	7.00
3½ ft.	1.20	8.50
4 ft.	1.50	11.00
5 ft.	2.25	16.00
6 ft.	2.50	18.00

Cane Stakes. Can be cut to any desired length; much used by florists for supporting Roses, Carnations, Lilies, etc. 6 ft., doz. 40c., 100 \$2.50; 8 ft., doz. 60c., 100 \$3.50.

	Doz.	100
Cane Stakes, Green	\$0.15	\$0.75
1½ ft. ....	.20	1.00
2 ft. ....	.25	1.25
2½ ft. ....	.30	1.50
3 ft. ....	.35	2.00
5 ft. ....	.50	2.50

Pointed Match Sticks. Green, 12-in., doz. 5c., 100 30c.; 18-in., doz. 10c., 100 45c.

Plant Trellis



	Each
2 ft. Veranda.	\$1.00
3 ft. Veranda.	1.25
4 ft. Veranda.	1.60
6 ft. 18 in. wide.	2.75
6 ft. 28 in. wide.	3.50
7 ft. 18 in. wide.	3.25
8 ft. 18 in. wide.	3.50
8 ft. 28 in. wide.	4.50
10 ft. 20 in. wide.	4.75
10 ft. 31 in. wide.	5.75
12 ft. 20 in. wide.	5.50
12 ft. 36 in. wide.	6.75
18 in. fan trellis, 6 in. wide at top. ....	.40
2 ft. fan trellis, 10 in. wide at top. ....	.60
2½ ft. fan trellis, 13 in. wide at top. ....	.80
3 ft. fan trellis, 16 in. wide at top.	1.40
4 ft. fan trellis, 32 in. wide at top.	2.25
5 ft. fan trellis, 32 in. wide at top.	2.50
6 ft. fan trellis, 38 in. wide at top.	3.00
7 ft. fan trellis, 42 in. wide at top.	3.50
8 ft. fan trellis, 46 in. wide at top.	4.00

Flower Pot Brackets

Adapted to plain flower pots and saucers. Flat steel, perfectly strong. Can be fastened on narrowest moulding. Black finish. No. 1, for a 5-in. pot, 50c.; No. 2, for a 6-in. pot, 60c.; No. 3, for a 7-in. pot, each 75c.

Cemetery Vases

Clay, green decoration. Each 50c.
Heavy tin, painted green. Each 15c.

Standard Flower Pots

In	Each	Doz.	100
2.	\$0.03	\$0.25	\$1.50
2½. ....	.03	.30	1.70
3. ....	.04	.35	2.00
3½. ....	.04	.40	2.50
4. ....	.05	.45	3.00
4½. ....	.06	.60	3.75
5. ....	.10	1.00	6.75
5½. ....	.12	1.20	8.50
6. ....	.15	1.35	10.00
7. ....	.25	2.50	17.00
8. ....	.35	3.50	25.00
9. ....	.50	5.00	37.50
10. ....	.65	7.00	50.00
11. ....	.90	10.00	75.00
12.	1.15	13.00	100.00
13.	1.35		
14.	1.75		
15.	2.75		
16.	3.75		

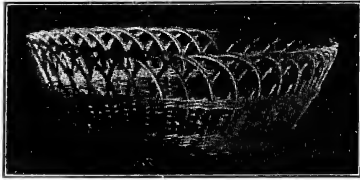
Measurements from Inside to Inside. Width and Depth Equal.



Azalea Pots and Seed or Bulb Pans. Prices same as Standard Pots.

Basketry Supplies

If sent by parcel
post add postage
to these prices



Each		Each	
3 in. Round bases	\$.07	10x16 Rectangular	\$.50
3½ in. Round bases	.08	12x18 Rectangular	.70
4 in. Round bases	.09	Coasters 2 glass	.20
5 in. Round bases	.12	Coasters 3 glass	.30
6 in. Round bases	.15	Coasters 4 glass	.40
7 in. Round bases	.18	Coasters 6 glass	.50
8 in. Round bases	.20	Octagonal Sandwich Trays	.50
9 in. Round bases	.22	Refreshment Trays, 14x19	1.15
10 in. Round bases	.25	Refreshment Trays, 16x24	1.65
11 in. Round bases	.30	Lamp bases, 7 in. high	.40
12 in. Round bases	.35	Lamp bases, 12 in. high	.85
14 in. Round bases	.50	Lamp bases, 14 in. high	1.00
6x10 Oval bases	.25	Lamp bases, 16 in. high	1.10
8x12 Oval bases	.30	5 in. Round bases with lip	.25
10x16 Oval bases	.40	10 in. Round bases with lip	.40
12x19 Oval bases	.65	8 in. Half circle	.20
16x24 Oval bases	1.25	9 in. Half circle	.22
6½x10½ Rectangular	.25	10 in. Half circle	.25

REED

	Oz.	½ Lb.	1 Lb.		Oz.	½ Lb.	1 Lb.
No. 1 Reed...	\$.12	\$0.85	\$1.50	No. 5 Reed...	\$0.10	\$0.50	\$0.85
No. 2 Reed...	.10	.70	1.25	No. 6 Reed...	.10	.50	.75
No. 3 Reed...	.10	.65	1.15	No. 7 Reed...	.10	.40	.65
No. 4 Reed...	.10	.60	1.00	No. 8 Reed...	.10	.40	.65
				Flat Reed...	.10	.50	.75

RAFFIA

	Oz.	½ Lb.	1 Lb.	
Natural.....	\$0.05	.....	\$0.30	Needles, 10c. and 25c. per pkg.
Colored.....	.10	.75	1.25	Pine Needles.....75c. per lb.
				Handles for Trays. 60c. per pair

WOOD BEADS

Round and Oval.....5c. doz., 35c. per 100 and up

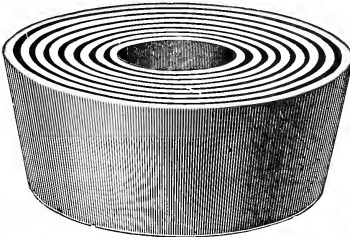
JOHNSON'S WOOD DYES

½ pt. bottles.	
Mission Oak, Light Oak, Dark Oak, Golden Oak, Weathered Oak, Pumed Oak, and Gray	\$.45
Walnut, Early English	.45
Brown Mahogany, Light Mahogany, Dark Mahogany, Forest Green, Moss Green, Green Weathered, Bog Oak, Flemish Oak	.50
Under-Lac (Shellac Substitute) ½ pt. cans	.40

Fern Pans

The pans are especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements. Each

Size 4 x1½ in.	\$.09
Size 4¾x2½ in.	.12
Size 5½x2½ in.	.15
Size 6¼x2½ in.	.18
Size 7 x2½ in.	.20
Size 8 x3½ in.	.20
Size 9 x3½ in.	.35
Size 10 x4 in.	.40



Wall Pockets

Pottery, nicely finished. Ea. \$1.25 to \$2.25.

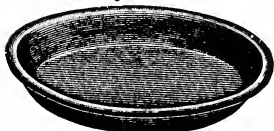
Hanging Pots

7-in., each 45c.; 8-in., each 60c.; 9-in., each 75c.; 10-in., each \$1.10; 12-in., each \$1.50.

Decorated Hanging Pots

In assortment, attractive selection. \$1.50 to \$4.50 each.
Chains for Hanging Pots, brass, 35c.
Hooks for Hanging Pots, brass or nickel. 25c. and 35c. each.

Clay Flower Pot Saucers



In.	Each	Doz.	100
4.....	\$.08	\$0.80	\$6.00
7.....	.10	1.10	8.00
8.....	.14	1.60	12.00
9.....	.20	2.25	16.00
10.....	.25	2.75	20.00
11.....	.28	3.00	22.00
12.....	.35	3.50	28.00
14.....	.45		
15.....	.60		
16.....	.80		
18.....	1.00		

In.	Each	Doz.	100
4.....	\$.05	\$.45	\$3.00
5.....	.06	.60	4.00

Waterproof Flower Pot Saucers

Made of clay and coated inside and out. Positively waterproof, durable and attractive.

In.	Each	Doz.	In.	Each	Doz.	In.	Each	Doz.
4.....	\$.07	\$0.70	9.....	\$.35	\$3.50	14.....	1.00	
5.....	.10	1.00	10.....	.40	4.00	15.....	1.40	
6.....	.15	1.50	12.....	.65	6.50	16.....	1.90	
7.....	.18	1.80	13.....	.80	8.00	18.....	2.25	
8.....	.25	2.50						



Neponset Paper Flower Pots

Made from tough fibre paper; lasting and thoroughly waterproof.

2¼ in.	Doz.	100
2¼ in.	\$.10	\$0.50
3 in.	.12	.60
3½ in.	.15	.75
4 in.	.18	1.00
5 in.	.25	1.25
6 in.	.30	1.85
	.40	2.50

Plant Tub

An attractive tub made of white pine, painted outside and inside with two coats of linseed oil paint. Heavy wire electrically welded hoops.

Made of White Pine, painted, light and attractive.



No.	Diam	Height	Each
No. 2.	7 in.	7 in.	\$.65
No. 3.	8 in.	8 in.	.75
No. 4.	9 in.	9 in.	.85
No. 5.	10 in.	9 in.	1.00
No. 6.	11 in.	10 in.	1.25
No. 7.	12 in.	11 in.	1.60
No. 8.	13 in.	12 in.	1.90
No. 9.	14 in.	13 in.	2.25
No. 10.	15 in.	14 in.	2.50
No. 11.	16 in.	15 in.	2.75
No. 12.	17 in.	16 in.	3.00

Recleaned Bird Seed and Pet Supplies

If wanted Parcel Post, add postage.

CANARY (Plain). Recleaned, extra quality. Lb. 20c., 5 lbs. 85c., 10 lbs. \$1.50.
CANARY (Mixed). A mixture of finest quality in proper proportions. Lb. 20c., 5 lbs. 85c., 10 lbs. \$1.50.
CUTTLE FISH BONE. For digestion. 5 for 10c., ¼ lb. 25c., lb. 75c.
HEMP SEED. Very rich and should be fed with care. Lb. 15c., 5 lbs. 60c., 10 lbs. \$1.10.
LETTUCE SEED. Relished by canaries. Add small quantity to other seeds. Oz. 5c., ¼ lb. 15c.
MAW SEED. To improve song of canaries. ¼ lb. 15c., lb. 40c.
MILLET SEED. Recleaned. Lb. 10c., 5 lbs. 40c., 10 lbs. 75c.
RAPE SEED. Many canaries prefer this to the canary seed. Lb. 20c., 5 lbs. 85c., 10 lbs. \$1.50.
SILVER SAND. For bird cages; extra clean. Pkg. 15c.
SILVER SAND (Bulk). 12 lbs. 50c., 25 lbs. \$1.00, 100 lbs. \$3.00.
GRAVEL PAPER. Various sizes. Packages, 12 sheets, 30c. to 40c.
SUNFLOWER SEED. Used largely for parrot feed. We handle only the best obtainable. Lb. 15c., 3 lbs. 40c., 10 lbs. \$1.30.
UNHULLED RICE. Lb. 20c., 5 lbs. 75c., 10 lbs. \$1.40.
BIRD BATHS, 10c., 15c. DRINKING CUPS, 15c. and 30c.
CAGE SPRING and CHAIN. 30c. and 35c. Short Barrel Springs 15c.
HOOKS. 25c. and 35c.

Aquariums and Fish Supplies

Round Globes. 25c. to \$1.50.
Aquariums. All glass. \$2.50, \$3.75, \$5.50, \$7.50, \$9.50.
Frame Aquariums. Slate bottom \$2.25, \$4.00, \$6.00, \$8.00, \$10.00 up.
Ornaments. 15c. to 75c.
Beach Gravel. Qt. 15c., ½ pk. 50c.
Dip Nets. 25c., 35c., 50c., 75c.
Siphons. \$1.25.
Pearl Chips and Small Sea Shells. Each, box 15c., 2 for 25c.
Aquarium Plants. Bunch 15c. Common Gold Fish. 15c. 25c. and 35c.
Fan-tails. 50c. and 75c. up.
Telescopes. 75c. and \$1.00.
Tadpoles and Snails.
Fish Foods, Wafer, 15c.; Natural, 10c.; Relpaw, 15c. 2 for 25c.

Sergeant's Dog Remedies

Special Medicine.....	\$1.20	Liniment.....	.60
Mange Medicine. No tar odor.....	.75	Eye Wash.....	.60
Condition Pills.....	.60	Intestinal Astringent.....	.60
Sure Shot. Tablets.....	.60	Laxative Capsules.....	.60
Sure Shot. Liquid.....	.60	Nerve Sedative Medicine.....	.60
Arsenic and Iron Pills.....	.60	Carbolic Tar Soap.....	.25
Canker Wash.....	.60	Skip Flea Soap.....	.25
Mouth Wash.....	.60	Skip Flea Powder.....	.25
Pepsin Tablets.....	.60	Disinfectant, 4 oz.....	.25
Puppy Capsules.....	.60	Disinfectant, 12 oz.....	.50
Cough Medicine.....	.60	Shampoo Soap (Human use).....	.25
Diuretic Pills.....	.60		
Tape Worm Medicine.....	.60		

Poultry Supplies

Pratts Buttermilk Baby Chick Food

Packages 40c., 75c., \$1.75

A largely predigested baby food for baby chicks. Guaranteed to raise every livable chick. Costs a cent a chick for three weeks. Prevents leg weakness, white diarrhoea, "pasting up" and other chick diseases.

PRATTS BUTTERMILK GROWING

MASH. 10 lb. packages.

PRATTS VICTORY CHICK SCRATCH FEED. 5 and 10 lb. packages.

PRATTS INTERMEDIATE SCRATCH FEED. 10 lb. packages.



Pratts Poultry Regulator

Packages, \$1.10, 50c. and 25c.

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting birds in condition for heavy egg laying or winning blue ribbons. Pratt's is the original Poultry Regulator of America and is in use by the most successful poultry raisers everywhere.



Pratts Lice Killer

50c. and 25c.

Effective, non-poisonous, non-irritating. May be used wherever a powder is suitable. A splendid deodorizer.

PRATTS CONDITION TABLETS. 25c. and 50c.

PRATTS SORE HEAD CHICKEN POX REMEDY. 35c.

PRATTS ROUP REMEDY. Tablets or Powder. 50c. and 25c.

PRATTS POULTRY DISINFECTANT. Qt. 60c., gal. \$1.75.

PRATTS WHITE DIARRHOEA REMEDY. 25c. and 50c.

PRATTS CHOLERA REMEDY. 30c.

PRATTS HEAD LICE OINTMENT. 30c.

PRATTS CHICKEN BRONCHITIS TABLETS. 50c.

PRATT'S WORM POWDER. 25c. and 50c.



Conkey's
THE ORIGINAL
Buttermilk
STARTING FEED



With a bag of Conkey's Buttermilk Starting Food on hand you are always sure that you have enough good buttermilk ready for your chicks. It contains pure buttermilk reduced to dry powdered form, with its valuable lactic acid that helps the delicate digestive organs of the little chick. Mixed with it is a combination of clean, wholesome grains, a ration balanced just right for baby chicks. 2½ lb. 20c., 5 lb. 40c., 10 lb. 75c., 25 lb. \$1.75.

CONKEY'S BUTTERMILK GROWING MASH. It is not enough simply to start a chick right—it is equally essential to help it to maturity if you want to make money. After the eighth week the necessity for a bone-and-muscle building diet becomes paramount. Conkey's Buttermilk Growing Mash was prepared with this in mind—to avoid losses from underfeeding or overfeeding improperly-balanced rations. Bag, 10 lbs., 65c.

Conkey's Remedies

POULTRY TONIC. 25c. and 50c.

ROUP REMEDY POWDER. 25c., 50c. and \$1.00.

ROUP PILLS. 25c., 50c., and \$1.00.

CHOLERA REMEDY. 25c.

WHITE DIARRHOEA REMEDY. 25c., 50c. and \$1.00.

CANKER AND BRONCHITIS REMEDY. 50c.

LICE POWDER. 15c. and 35c.

LICE LIQUID. 60c., 90c. and \$1.50.

HEAD LICE OINTMENT. 15c.

GAPE REMEDY. 25c.

SOREHEAD REMEDY. 25c. and 50c.

POULTRY LAXATIVE. 25c. and 50c.

POULTRY WORM REMEDY. 25c. and 50c.

Y-O YEAST AND COD LIVER OIL. 1 lb. 65c., 2 lbs \$1.15., 5 lbs. \$2.50.

MICA CRYSTAL GRIT. For Chickens, Geese, Turkeys, Pigeons, and Birds. It makes thorough digestion of food possible. Two grades, for chicks and poultry. Price, pkg. 15c. and 25c., 100-lb. bag, \$1.50.

GROUND OYSTER SHELLS. Furnishes one of the best sources for shell-making material. Thoroughly washed and dried. Price, pkg. 10c. and 25c., 100-lb. bag \$1.50.

CHARCOAL (Granulated). Aids digestion and corrects many of the poultry ills. Pkg. 15c. and 25c.

Feeders and Hoppers

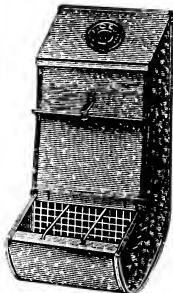
MOE'S SANITARY FEED TROUGHS. No sharp or rough edges. Top slides off. 12-in. 25c.; 18-in. 45c.; 24-in. 60c.

MOE'S DOUBLE FEEDING TROUGHS. Double, with sliding top; easily filled and cleaned. 12-in. 35c., 18-in. 50c., 24-in. 60c.



MOE'S ROUND BABY CHICK FEEDERS. Top fits snugly yet easily taken off for filling and cleaning. 6-in. 10c., 8½-in. 20c.

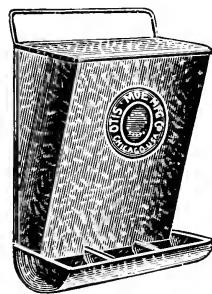
VEGETABLE RACK. For holding roots, beets, cabbage, sprouted oats, etc. Round bottom, easily cleaned. 75c.



MOE'S STAR FOUNTAIN and FEEDER. Fits any Mason jar. Suitable for feed or water. Metal Star only. Each, 10c.

MOE'S DRY MASH HOPPERS. Strictly high quality hopper, properly designed. 8½-in wide \$1.50, 12-in. wide \$1.95, 24-in. wide \$2.75.

MOE'S GRIT and SHELL BOXES. Thoroughly made, 3 compartment. 85c., 4 compartment \$1.10.



Drinking Fountains

DROP BOTTOM FOUNTAIN. Easy to fill, has wire handle and may be hung on wall. 1-gal \$1.00, 2-gal. \$1.35.

BOTTOM FILL FOUNTAIN. Round tapering shape, made in two pieces, easily filled and cleaned. 1 qt. 25c., 2-qt. 40c., 4-gal. 50c.

IMPROVED TOP FILL FOUNTAIN. Double wall construction retards freezing; keeps water cool in Summer. 2-gal. \$2.50, 4-gal. \$3.00.

INSULATED DOUBLE WALL FOUNTAIN. Walls packed with efficient insulating material; keeps water warm in Winter and cool in Summer. 3-gal. \$4.00.

KEYSTONE FOUNTAIN. Hinged bottom held in place by a galvanized hook; has swing handle and eye to hang on wall. 1 qt. 50c., 2-qt. 75c., 4-qt. \$1.00, 8-qt. \$1.50.

MOE'S FOUNTAIN HEATER. Fits any size or style fountain; keeps water from freezing in any temperature. Capacity 7 days, \$1.90.

POULTRY PUNCHES. Each 25c. and 50c.

LEG BANDS. Aluminum. Doz. 15c., 50 for 50c., 100 75c.

LEG BANDS. Celluloid, assorted colors. Doz. 15c., 50 for 50c., 100 75c.

INSECT POWDER GUN. 75c., \$1.00 and \$1.25.

NEST EGGS. Chalk. Price, 3 for 10c., doz. 35c.

NEST EGGS. Medicated. 3 for 25c., doz. 75c.

EGG TESTERS. Made of tin; will fit any small lamp. Each 35c.

EGG BOXES. Doz. 20c., 25 for 35c., 50 for 65c., 100 for \$1.25.

CARBOL COMBINED DISINFECTANT AND PAINT. 5 lbs. 75c., 10 lbs. \$1.25.

THERMOMETERS, INCUBATOR, 50c.; BROODER, 35c.

OLD TRUSTY DOG BISCUIT. All terrier, puppy cakes, dog cakes. Lb. 15c., 4 lbs. 50c., 25 lbs. \$3.00, 50 lbs. \$5.50, 100 lbs. \$10.50. Tit Bits. Lb. 20c., 5 lbs. 90c., 10 lbs. \$1.50.

KEN-L RATION. A meat and cereal balanced feed, combined with cod liver oil, for dogs and cats. Lb. can 18c., 3 for 50c., doz. \$2.00, case 48 cans \$7.50.



Insecticides and Fertilizers

ADCO. The addition of Adco to vegetable refuse, grass clippings, leaves, etc., will produce a clean odorless manure in 3 to 4 months. Circular upon request. 25 lbs. \$2.25.

ANT DESTROYER. A non-poisonous powder which sprinkled around their haunts will drive black ants from lawns, etc. Pkg. $\frac{1}{4}$ lb. 35c.

APHINE. A contact spray effective against all sucking insects infesting flowers, foliage, fruits and vegetables. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

ARSENATE OF LEAD (Dry). Bags, 1 lb. 40c., 4-lb. bags \$1.25.

BORDEAUX MIXTURE (Dry Powder). For all fungoid diseases, such as mildew and various rots of Grapes, etc. Lb. 35c., 4 lb. box \$1.00.

BORDEAUX MIXTURE WITH ARSENATE OF LEAD (Dry). An excellent combined insecticide and fungicide. Lb. 40c., 4-lb. bags \$1.25.

"BLACK LEAF 40" (Nicotine Sulphate). For destroying aphids, thrips, etc., without injuring the foliage. Oz. bottle 35c., $\frac{1}{2}$ lb. \$1.25, 2 lbs. \$3.25, 10 lbs. \$11.85.

COMMON SENSE RAT EXTERMINATOR. Destroys rats under all conditions. No stench. Pkg. 25c.

CYANOGAS. Valuable for greenhouse fumigation, for destroying aphids, white fly, thrips, etc. Lb. 75c., 5 lbs. \$3.00, 25 lbs. \$10.00.

FISH OIL SOAP. Commonly known as Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. Lb. 35c., 5 lbs. \$1.50.

LIME-SULPHUR DRY POWDER. This preparation is scientifically prepared and is widely recommended and known as one of the best preparations for San Jose scale, oyster shell scale, etc. Use 2 to 3 gals. to 50 gals. water. Lb. 40c., 5 lbs. \$1.75.

GRAPE DUST. A preparation to kill that destructive mildew that strikes the Grape vine; also for like use upon any other plants or trees affected with mold, mildew or rust mites, either in greenhouses or the open air. Lb. 30c., 5-lb. pkg. \$1.00.

HELLEBORE. Powdered White Hellebore for Rose slugs, Cur-rant worms, etc. $\frac{1}{2}$ lb. 35c., lb. 60c.

NICO-FUME (Tobacco Paper). For fumigating greenhouses. The strongest tobacco paper on the market. 24 sheets \$1.25, 1 gross \$5.00, 2 gross \$8.75.

NICO-FUME LIQUID. $\frac{1}{4}$ -lb. tin 75c., lb.-tin \$2.00, 4-lb. tin \$6.25, 8-lb. tin \$11.50.

NICO-FUME POWDER. For fumigating greenhouses. Active ingredients—nicotine, not less than 12 $\frac{1}{2}$ %. Lb. can \$1.00, 5-lb. can \$3.75, 10-lb. can \$6.85.

PARIS GREEN. Superior quality. $\frac{1}{2}$ lb. 30c., lb. 50c.

PYROX. Insecticide and fungicide for all leaf-eating insects. Lb. 50c., 5 lbs. \$1.75, 10 lbs. \$3.15.

RAT DOOM. A phosphorus paste, irresistible to rats or mice; easily spread on any food. Eliminates danger of dying on premises as far as possible. $\frac{1}{4}$ -lb. 50c., $\frac{1}{2}$ -lb. \$1.00, lb. \$2.00.

SCALECIDE. The best spray for San José scale. A mechanical preparation of petroleum oil that instantly mixes with cold water. Qt. 75c., gal. \$1.75, 5 gals. \$6.25, 10 gals. \$10.60, 30 gals. \$26.00, 50 gals. \$38.00.

SEMESAN. For treating seeds; hastens germination, stimulates growth, controls disease. 2 ozs. 50c., 4 ozs. \$1.00, 8 ozs. \$1.60, lb. \$2.75.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals Paris Green when used liberally, without the danger from poison. Lb. 25c., 5-lb. pkg. 60c.

SULPHUR, FLOWERS OF. A staple preventive for mildew on Grapes, Roses, etc. Lb. 15c., 5 lbs. 50c., 10 lbs. 75c.

TOBACCO SOAP. Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Pkts. 15c. and 25c.

TOBACCO DUST. If dusted on while the foliage is moist it destroys Rose lice, Cabbage and Turnip fleas, etc. Spread upon the ground, it keeps off earth insects and acts as a fertilizer. 1 lb. carton 25c., 5 lbs. 50c., 10 lbs. 75c., 25 lbs. \$1.50.

VERMINE. For destroying white grub, cut and earworms, slugs, root lice. For greenhouse, garden or lawn use. $\frac{1}{4}$ pt. 25c., $\frac{1}{2}$ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00.

VOLCK. A powerful spray, effective on all ornamental and flowering plants for control of red spider, aphids, scale, etc. $\frac{1}{2}$ pt. 50c., qt. 75c., qt. \$1.00, gal. \$3.00.

WILSONS O. K. PLANT SPRAY. Powerful yet harmless insecticide for aphids, red spider, mildew, scale, etc. For use inside or outdoors. $\frac{1}{2}$ pt. 40c., c. \$1.25

FERTILIZERS



This is a pure natural manure and the most nutritious food for plants. It is excellent as a top dressing for lawns. There is nothing better for mixing with the soil for greenhouse plants; one part manure and six parts soil. For use in the vegetable garden, place directly in hills or drills, it promotes a rapid and steady growth. 2-lb. pkg. 20c., 5 lbs. 40c., 10 lbs. 70c., 25 lbs. \$1.25, 50 lbs. \$1.85, 100 lbs. \$3.25, 500 lbs. \$15.00, 1000 lbs. \$28.50, ton \$55.00.

CATTLE MANURE. Heat dried and shredded. Suited to mixing in soil, mulching or liquid manuring. 100 lbs. \$3.25.

ARMOUR'S LAWN AND GARDEN GROWER. Odorless. Contains more pounds of highest grade plant food in water soluble form than is generally used in lawn and garden fertilizers. 5-lb. pkg. 50c., 25-lb. bag \$1.75, 50 lbs. \$3.00, 100 lbs. \$5.00.

ARMOUR'S BIG CROP (4-8-4). A high-grade general farm and garden fertilizer. 50 lbs. \$2.25, 100 lbs. \$4.00.

SPRINGFIELD ROSE FOOD. A properly balanced rose food. It stimulates the plant and produces more perfect blooms. 10 lbs. \$1.00, 25 lbs. \$2.00, 100 lbs. \$5.00.

PURE GROUND BONE MEAL. This finely pulverized ground bone is excellent for Rose culture, top dressing for lawns and for potted plants. 5-lb. pkg. 40c., 10 lbs. 75c., 25 lbs. \$1.50, 50 lbs. \$2.25, 100 lbs. \$4.00.

UNLEACHED HARDWOOD ASHES. As a fertilizer for lawns, gardens and fruits, Hardwood Ashes are unequalled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. Price, 100 lbs. \$2.25.

FLORANID. Highly concentrated nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc. Lb. 75c.

LAND PLASTER. Used for preventing bugs from destroying Cucumber, Melon and Squash vines. Price, pkg. 25c., bag \$2.00.

LIME, AGRICULTURAL. To rectify some soil. Pkg. 25c., 100 lbs. \$1.75.

NITRATE OF SODA. This is valuable solely for the nitrogen it contains, equal to 18 $\frac{1}{4}$ per cent. of ammonia. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 500 lbs. per acre. Lb. 15c., 5 lbs. 50c., 10 lbs. 85c., 25 lbs. \$1.75, 100 lbs. \$5.50.

MURIATE OF POTASH (48%). 10 lbs. 75c., 25 lbs. \$1.50, 50 lbs. \$2.50, 100 lbs. \$4.00.

SUPERPHOSPHATE, or ACID PHOSPHATE (20%). 10 lbs. 50c., 25 lbs. \$1.00, 50 lbs. \$1.50, 100 lbs. \$2.25.

SULPHATE AMMONIA (25%). 2 lbs. 35c., 5 lbs. \$1.00, 10 lbs. \$1.50, 25 lbs. \$2.50, 50 lbs. \$4.00, 100 lbs. \$7.00.

Plant Foods

BON ARBOR. A complete plant food, immediately soluble and applied directly to roots of all plants, giving healthy, lasting growth. 8-oz. pkg. 35c., lb. pkg. 60c., 5-lb. pkg. \$2.50.

FERTILIS TABLETS. This complete plant food in tablet form, has met with universal approval. The tablets are odorless and contain the necessary ingredients to make plants grow. Box, 50 tablets 25c., tin, 1000 tablets, \$2.00.

OYAMA PLANT FOOD. Safe, clean and odorless used dry or in water. Pkg. 30c.

WHITE ROSE. Well-balanced plant food for use in dry state applied by mixing in soil for potting or in top of pots. Pkg. 25c.

STIM-U-PLANT. A powerful fertilizer in tablet form; odorless and suitable for house or garden use. Pkgs. 15c., 25c., 75c., pail 1000 tablets \$3.50.



Hardy Shrubs, Vines and Perennials

All strictly first class stock with roots mossed and wrapped separately.

Roses—HYBRID TEAS

This class of Roses bloom the entire season but should be protected in Winter by banking well.

Betty. Coppery rose-pink.
Columbia. Glowing pink; keeps well.
Double White Killarney. Snow-white.
Duchess of Wellington. Saffron-yellow.
General MacArthur. Bright red.
Gruss an Teplitz. Scarlet.
Jonkheer J. L. Mock. Glowing pink.
Kaiserin Auguste Viktoria. Lemon-white.
Killarney. Bright pink.
Lady Hillingdon. Apricot yellow.
Mme. Butterfly. Pale pink and gold.
Mme. Caroline Testout. Rich pink.
Mme. Edouard Herriot. Terra cotta pink.
Souvenir de Claudius Pernet. Best pure yellow.
Sunburst. Orange and cream.
Wm. F. Dreer. Pinkish yellow. Unique.
First grade 2-year-old. Each 90c. doz. \$9.00.



HYBRID PERPETUAL ROSES

This class are more hardy than the above, blooming in June, with an occasional Fall bloom.
Frau Karl Druschki. Snow-white.
Geo. Arends. Soft pink.
General Jacqueminot. Bright crimson.
Magna Charta. Glowing pink.
Paul Neyron. Rose-pink.
Soleil d'Or. Orange and gold.

Each 75c., doz. \$7.50.

CLIMBING AND RAMBLER ROSES

American Pillar. Pink, with clear white eye, yellow stamens.
Climbing American Beauty. Well formed purplish crimson.
Crimson Rambler. Small vivid red flowers in large clusters.

Dorothy Perkins. Small crinkled flowers of soft shell-pink.

Dr. W. Van Fleet. Shell-pink borne on long stems.

Flower of Fairfield. Ever-blooming crimson Rambler.

Mary Wallace. Shining pink flowers, yellow center. New and charming.

Paul's Scarlet Climber. Well formed flowers of bright scarlet. Free blooming.

Silver Moon. Semi-double white flowers of large size.

Yellow Rambler. Bright yellow buds, creamy-white flowers.

Price, each 75c., doz. \$7.50.

OTHER ROSES

Baby Ramblers. Dwarf everblooming plants for beds or borders.

Baby Rambler. Red. **Baby Rambler.** Pink.

Each 75c., doz. \$7.50.

F. J. Grootendorst. Hybrid Rugosa. Clusters of bright red flowers on a vigorous shrubby bush; blooms continuous all season. **Each 75c., doz. \$7.50.**

Hardy Perennials

ALYSSUM (Saxatile compactum). Bright yellow flowers early in Spring. **Each 25c., doz. \$2.50.**

AQUILEGIA (Columbine). Strong plants grown from the finest strain of Scott Elliott Long-spurred seed. **Each 35c., doz. \$3.50.**

ASTER, HARDY. Blue, pink, white. **Each 35c., doz. \$3.50.**

BLEEDINGHEART. Long, graceful racemes of rosy-red flowers. Blooms in May and June. **Each 75c., doz. \$7.50.**

CAMPANULA (Canterbury-bells). **Cup-and-saucer.** Pink, white, blue and mixed. **Each 25c., doz. \$2.50.**

CHRYSANTHEMUMS, HARDY. Red, bronze, pink, white, yellow. **Each 35c., doz. \$3.50.**

DAISY SHASTA. Large white flowers with yellow center. **Each 25c., doz. \$2.50.**

DELPHINIUM (Hardy Larkspur). One of the finest hardy perennials, producing abundance of bloom in various shades of blue. Gold Medal Hybrids Mixed. **Each 25c., doz. \$2.50, 100 for \$17.00.**

DIGITALIS (Foxglove). Broad foliage with tall spikes of showy flowers. **Each 25c., doz. \$2.50.**

COREOPSIS lanceolata. Bright yellow daisy-like flowers; fine for cutting. **Each 25c., doz. \$2.50.**

FUNKIA variegata (Daylily). Green leaves margined or edged white; used in clumps or border. **Each 15c., doz. \$1.50.**

GAILLARDIA grandiflora (Blanket Flower). Colors range from red to yellow, with maroon center. **Each 25c., doz. \$2.50.**

GYPSOPHILA paniculata (Babysbreath). Small white flowers. **Each 25c., doz. \$2.50.**

HEMEROCALLIS flava. (Lemon Daylily). **Each 25c., doz. \$2.50.**

HIBISCUS grandiflora. Large, showy white, pink, crimson flowers. **Each 35c., doz. \$3.50.**

HOLLYHOCK. Popular old-fashioned hardy perennials. Mixed colors. Field grown roots. **Each 35c., doz. \$3.50.**

CANDYTUFT, Hardy White (Iberis sempervirens). Attractive foliage covered with clusters of white blooms. **Each 35c., doz. \$3.50.**

IRIS, Bearded. One of the first perennials to bloom.

Florentine alba. White fringed lilac.

Tendresse. Delicate lavender and lilac.

Khedive. Soft lavender; falls white, veined brown; lavender tip.

Kochi. Claret-purple.

Lohengrin. Cattleya rose.

Loreley. Light yellow, falls ultra-marine blue, bordered cream.

Monsignor. Crimson, dotted lavender, inner petals ivory; falls crimson, edged lavender.

Viola grandiflora. Rich blue, falls violet-blue.

Each 25c., doz. \$2.50, 100 for \$17.00.

One each 8 varieties, \$1.75.

Japanese. Bloom in June, following *Iris germanica*. Height about 3 ft. Very showy.

10 choice named varieties,

Each 35c., 5 for \$1.50, 10 for \$2.75.

POPPY, ORIENTAL. Large brilliant scarlet. **Each 35c., doz. \$3.50.**

PEONIES. Good rich soil, sunny position with plenty of water during their growth is required. When planting, place roots so that crowns are barely covered. We offer some of the leading varieties in white, pink and red. **Each 50c., doz. \$5.00.**

PHLOX, Hardy Perennial. Plants grow 2 to 4 ft. high and bloom through a long period. Colors include red, pink, salmon, lavender, white. Selected from best named varieties. **Each 25c., doz. \$2.50.**

PHYSALIS (Chinese Lantern). Bright red lantern-like, pods can be dried for Winter. **Each 35c., doz. \$3.50.**

PYRETHRUM hybridum grandiflora. Large flowering Single Mixed. Daisy-like flowers in shades of pink, lavender, red, mixed colors. **Each 25c., doz. \$2.50.**

VERONICA (Speedwell). Indigo blue. **Each 35c. doz. \$3.50.**

Hardy Shrubs and Vines

AMERICAN IVY. Especially good for covering walls, stumps and unsightly objects. **Each 35c., doz. \$3.50.**

BOSTON IVY (*Ampelopsis veitchii*). The best vine for covering stone, stucco or brick walls, chimneys, foundations, etc. Strong, 2 year. **Each 60c., doz. \$6.00.**

BUDDLEIA (Butterflybush). Desirable Summer flowering shrub, blooming July to frost. Flowers in long spikes of violet-mauve. **Each 50c., doz. \$5.00.**

CLEMATIS paniculata. Rapid growing climber which blooms a profusion of small white flowers. Very fragrant. 2-year-old roots. **Each 40c., doz. \$4.00.**

CLEMATIS jackmani. Large flowering purple. **Each \$1.25.**

DEUTZIA gracilis. Dwarf bush covered with spikes of pure white flowers early in the season. **Each 50c., doz. \$5.00.**

DEUTZIA, Pride of Rochester. A fine tall growing variety with double white flowers. **Each 50c., doz. \$5.00.**

DUTCHMANS-PIPE (*Aristolochia siphon*). Vigorous growing vine with broad leaves and curious greenish purple pipe-shaped flowers. Strong 2-year-old plants. **Each \$1.00.**

FORSYTHIA fortunei. Bright yellow flowers; very early. One of the brightest shrubs. Extra strong plants. **Each 50c., doz. \$5.00.**

HONEYSUCKLE, Hall's. Sweet-scented flowers. Vine makes good shade for porches or arbors. Strong plants. **Each 50c., doz. \$5.00.**

Red Tatarian. Bush form. Very attractive foliage. Flowers pink, followed by red berries. **Each 50c., doz. \$5.00.**

HYDRANGEA (*Paniculata grandiflora*). One of the most popular hardy shrubs. Forms beautiful cone-shaped clusters of bloom, white changing to pink. Large plants. **Each 75c., doz. \$7.50.**

LILAC. Purple or white. Very popular old-fashioned shrubs. **Each 60c., doz. \$6.00.**

PHILADELPHUS grandiflora (Mockorange). Tall, spreading shrub with white very fragrant flowers. **Each 50c., doz. \$5.00.**

PURPLE FRINGE (Smoke Tree). Purple hair-like flowers having the appearance of smoke. **Each \$1.00.**

SPIRAEA vanhouttei. Drooping shrub covered with snow-white flowers late in Spring. **Each 50c., doz. \$5.00.**

Anthony Waterer. Flowers scarlet-crimson, blooming profusely from June to October. Dwarf. Should be cut nearly to ground in Fall. Large roots. **Each 60c., doz. \$6.00.**

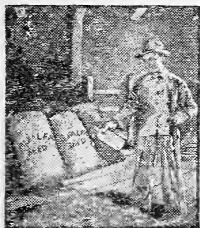
WISTERIA, Chinese Purple. A lofty growing vine with gracefully drooping clusters of pale purple flowers. **Each 60c., doz. \$6.00.**

Bulbs for Fall Planting

HYACINTHS, NARCISSUS, CROCUS, SCILLAS, SNOWDROPS, CALLAS, LILIUM candidum, and Regale. TULIPS, Single and Double Early; Darwin, Breeders, May flowering.


WE ARE DIRECT IMPORTERS

Display and price list October 1st.



Inoculate Your
Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches
and
Other Legume Crops
WITH
Mulford Cultures
FOR LEGUMES

Small Cost Large Returns Easy to Use No Labor Expense



Mulford Cultures contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

Legumes offer the best known means of maintaining soil fertility and rejuvenating over-cropped and wornout fields. They add both humus and nitrogen to your soil and thus increase your yield of wheat and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

Mulford Cultures are prepared for

Alfalfa (Lucerne)	Red Clover	Cow Peas	Vetch	Garden Peas	Lespedeza
Crimson Clover	Alsike Clover	Soy Beans	Velvet Beans	Garden Beans	Beggar Weed
Sweet Clover	Bur Clover	Peanuts	Sweet Peas	Lima Beans	and Others

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

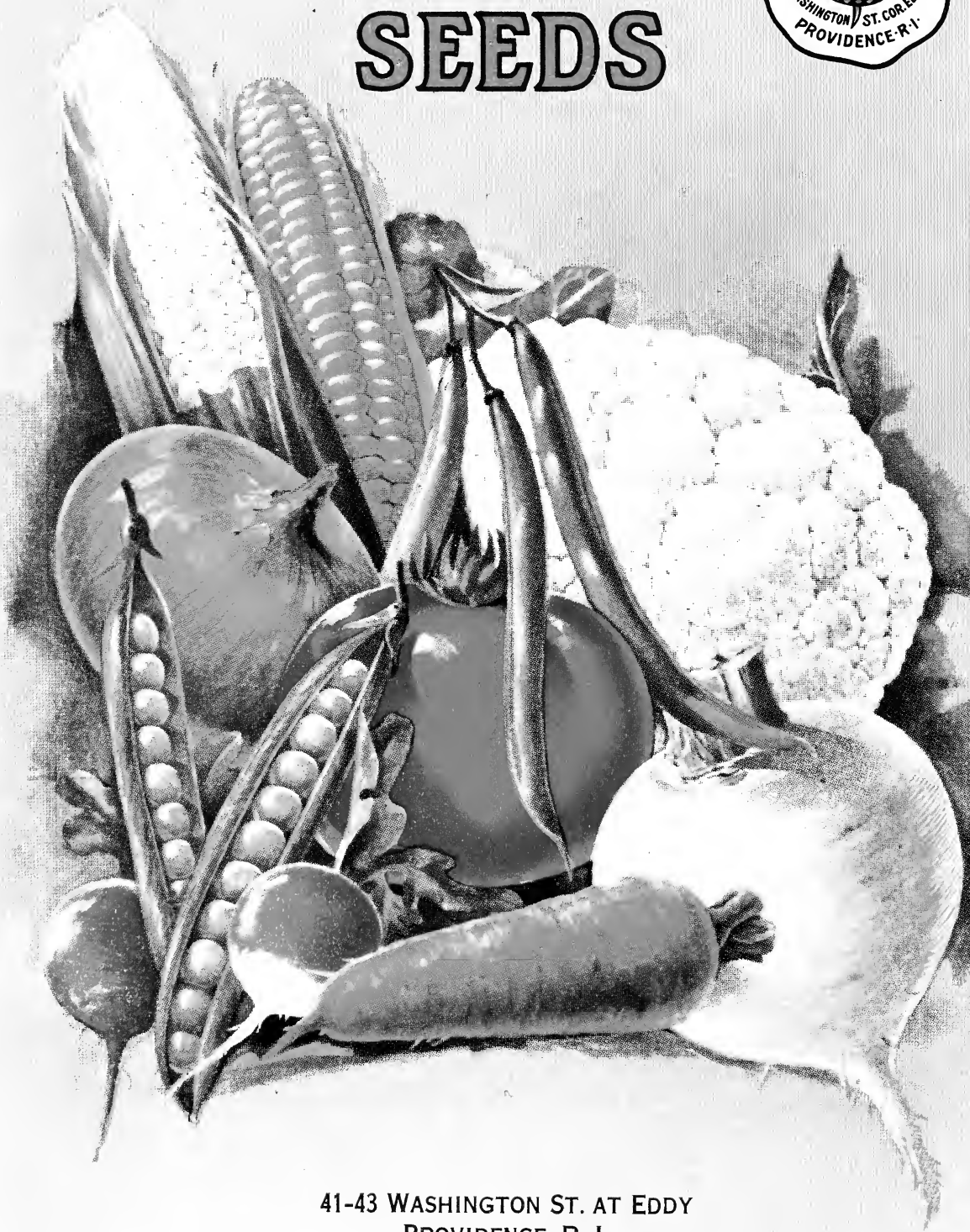
PRICES:

For Small Seeds	For Large Seeds	Garden Size
2½ bushel size.....\$2.25	5 bushel size.....\$2.25	Composite culture for
1 bushel size.....1.00	2 bushel size.....1.00	garden beans, garden peas,
½ bushel size......60	1 bushel size......60	lima beans, sweet peas, 25c.

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1929

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